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Ontario Statistics 1980



Ontario

Ministry of
Treasury and
Economics

Central
Statistical
Services

The Honourable Frank S. Miller, Minister

A. Rendall Dick, Deputy Minister

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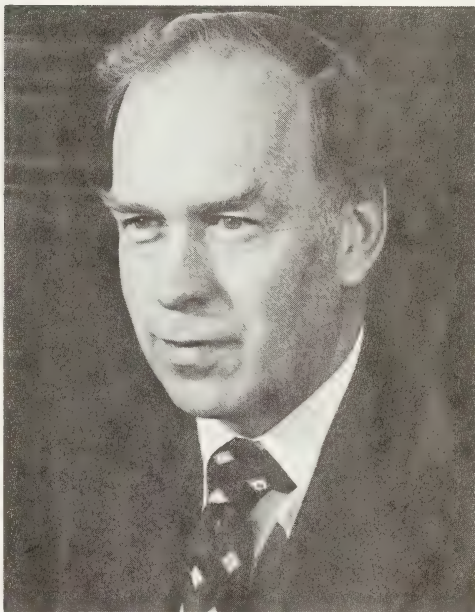
Foreword

As our regular users will know, this is the sixth annual edition of *Ontario Statistics* to be published by the Ministry of Treasury and Economics. Like its predecessors, it is designed to answer the need for a current and authoritative reference work on social and economic data relating to the province.

After six years, *Ontario Statistics* has established itself as a solid research tool for the many people — policy planners, teachers, financial analysts, economists, sociologists, students, administrators, educators — involved in socio-economic studies of Ontario and Canada.

The publication continues to be timely. Today's subscribers come not only from government, industry and education but, increasingly, from the general public as well. It is the only single statistical handbook on Ontario that will enable the busy researcher to cover such a wide range of socio-economic indicators. Each of its 22 sections of comparative data (including many interprovincial comparisons) is introduced by a summary of major trends and findings plus definitions of the statistical terms used. This is all set out in a readable format for quick and easy reference.

For annual updates and revisions, our staff here at Central Statistical Services must rely on their sources at Statistics Canada, other federal agencies and departments, provincial government ministries, banks, industries and non-governmental regulatory agencies. I would like once again to acknowledge the help we received from all these people and to thank them for their continued cooperation.

A black and white portrait of Frank S. Miller, a middle-aged man with dark hair, wearing a suit and tie, looking slightly to the left.

Frank S. Miller
Treasurer of Ontario and
Minister of Economics

Contents

List of Tables, Maps and Graphs

Qualifying Remarks

Map of Ontario

Part I Social Series

1	Physiography and Environment	3
2	Population	35
3	Births, Deaths and Immigration	77
4	Family and Social Services	103
5	Health	117
6	Education	157
7	Crime and Justice	209
8	Recreation and Tourism	245
9	Housing and Household Equipment	263
10	Media and Communications	287

Part 2 Economic Series

11	Labour	301
12	Income	339
13	Prices	365
14	Finance	379
15	Trade	411
16	Agriculture	423
17	Fisheries and Wildlife	447
18	Forestry and Mining	463
19	Energy	483
20	Manufacturing	521
21	Investment and Construction	545
22	Transportation	577

Appendices

- I. Unit Conversion
- II. Census of Population — Data Quality
- III. Historical Statistics

Index

List of Tables, Maps and Graphs

Physiography and Natural Environment

Map:

- 1.A Ontario's Major Drainage Basins

Graphs:

- 1.B Number of Hours of Bright Sunshine by Selected Centre, Ontario
1.C Mean Total Precipitation by Selected Centre, Ontario
1.D Trends in Suspended Particulate Matter, by Selected City, Ontario, 1964–1978
1.E Sulphur Dioxide Levels, by Selected City, Ontario, 1969–1978

Tables

- 1.1 Selected Statistics, Ontario and Shared Watersheds, 1971
1.2 Mean Monthly Temperature, Precipitation and Number of Hours of Bright Sunshine, by Selected Centre, Ontario
1.3 Emissions and Discharges, Air Pollution Emissions by Source, Hamilton and Toronto, 1976–1978
1.4 Emissions and Discharges, Hauled Industrial Waste, Liquids and Sludges, Quantities Generated by Category, Ontario 1978 and 1980.
1.5 Emissions and Discharges, Selected Point Source Discharges to Ontario Watershed, 1978.
1.6 Environmental Objectives, Ontario Ambient Air Quality Criteria
1.7 Ambient Quality Conditions, Solid and Industrial Waste Disposal Sites, Collection Systems Under the Ontario Certificate of Approval Program, 1976–1979
1.8 Ambient Quality Conditions, Ontario's Air Pollution Index, 1970–1979
1.9 Ambient Quality Conditions, Number of Times Ambient Air Quality Criteria were Exceeded, 1972–1979
1.10 Environmental Effects, Results of M.O.E.–M.N.R. Sport Fish Contaminant Testing Program, 1976–1979
1.11 Pollution Abatement and Environmental Protection Activities, Sewage Treatment Plants in Ontario, 1975–1979
1.12 Pollution Abatement and Environmental Protection Activities, Water Supply Treatment Plants in Ontario, 1975–1979

- 1.13 Pollution Abatement and Environmental Protection Activities, Ministerial Orders Issued to Municipalities, Companies and Individuals under Authority of the Ontario Water Resources Act and the Ontario Environmental Protection Act, 1971, 1976–1978
1.14 Pollution Abatement and Environmental Protection Activities, Prosecutions by the Ontario Ministry of the Environment, 1977–1978 to 1979–80
1.15 Pollution Abatement and Environmental Protection Activities, Estimated Capital Costs of Pollution Control Facilities for Industrial Sectors, Ontario, 1967–1979
1.16 Pollution Abatement and Environmental Protection Activities, Expenditures by the Public Sector in Ontario, 1974–75 to 1978–79
1.17 Pollution Abatement and Environmental Protection Activities, Ontario Ministry of the Environment Expenditure Composition, 1974–75 to 1979–80

Population

Map:

- 2.A Population Change, 1971–1976

Graphs:

- 2.B Population by Sex, Ontario, Selected Years, 1970–1979
2.C Population by Age Group, Ontario, Selected Years, 1961–1979
2.D Population, by Census Metropolitan Area, Ontario, Selected Years, 1951–1978
2.E Population Projections, by Planning Region, Ontario, Selected Years, 1981–2001
2.F Population by Mother Tongue and Sex, Ontario, 1976
2.G Registered Indian Population, by Sex, Ontario, 1973–1978
2.H Population by Ethnic Group, Ontario, Census Years, 1951–1971

Tables

- 2.1 Population by Province, Canada, 1953–1979
- 2.2 Population by Age Group, Ontario, 1954–1979
- 2.3 Population by Sex, by Province, Canada, 1968–1979
- 2.4 Estimated Population by Sex and Age Group, by County and Planning Region, Ontario, 1979
- 2.5 Population by Sex and Age Group, Ontario, 1974–1979
- 2.6 Population Projections, by Planning Regions and Counties, Ontario, Selected Years, 1976–2001
- 2.7 Population Projections, by Age Groups, Ontario, Selected Years, 1976–2001
- 2.8 Population by Marital Status and Sex, Ontario, Census Years, 1956–1976
- 2.9 Population by Marital Status, by County, Ontario, 1971 and 1976
- 2.10 Population by Mother Tongue in Official Languages and Other, by County, Canada and Ontario, 1976
- 2.11 Population by Mother Tongue and Sex, Ontario, 1976
- 2.12 Mother Tongue by Age Group, by County, Canada and Ontario, 1976
- 2.13 Population, by Selected Municipality, Ontario, Census Years, 1951–1976
- 2.14 Population, by Census Metropolitan Area, Ontario, Selected Years, 1951–1978
- 2.15 Central City and Suburban Percentage Shares, by Census Metropolitan Area, Ontario, Census Years, 1951–1976
- 2.16 Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1951–1976
- 2.17 Population Dependency Ratios and Median Age by Birthplace and Urban/Rural Residence, Ontario, Census Years, 1951–1971
- 2.18 Population by Birthplace, Ontario, Census Years, 1951–1971
- 2.19 Population by Ethnic Group, Ontario, Census Years, 1951–1971
- 2.20 Population by Religious Denomination, Ontario, Census Years, 1951–1971
- 2.21 Registered Indian Population by Age and Sex, Canada and Ontario, 1972–1978
- 2.22 Registered Indians by Location of Residence, Canada and Ontario, 1967–1978
- 2.23 Enfranchisements of Registered Indians, Canada and Ontario, 1963–64 to 1978–79

Births, Deaths and Immigration

Graphs:

- 3.A Age-Specific Fertility Rates, Ontario, Selected Years, 1956–1977
- 3.B Infant Mortality, Canada and Ontario, 1950–1977
- 3.C Immigration by Intended Destination, Canada and Ontario, 1950–1978

Tables:

- 3.1 Age-Specific Fertility Rates, Ontario, Selected Years, 1951–1977
- 3.2 Live Births by Age Groups of Mothers, Ontario, 1964–1978
- 3.3 Births, Deaths and Natural Increase by County, Ontario, 1978
- 3.4 Births and Deaths by Selected Municipality, Ontario, 1977 and 1978
- 3.5 Standardized (Age-Adjusted) Death Rates by Sex, Canada and Ontario, 1950–1977
- 3.6 Age-Specific Death Rates by Sex, Ontario, 1973–1977
- 3.7 Deaths by Marital Status and Sex, Canada and Ontario, 1974–1977
- 3.8 Infant Mortality, Canada and Ontario, 1950–1977
- 3.9 Infant Mortality Rates, Canada and Ontario, 1950–1977
- 3.10 Deaths by Cause, Canada and Ontario, 1974–1978
- 3.11 Death from Suicide and Self-Inflicted Injury by Cause and Sex, Canada and Ontario, 1974–1978
- 3.12 Number of Suicides by Selected City, Ontario, 1971–1978
- 3.13 Suicides by Sex and Age Group, Ontario, 1970–1979
- 3.14 Immigration by Intended Destination, Canada and Provinces, 1950–1978
- 3.15 Immigrants by Country of Last Permanent Residence, Canada and Ontario, 1973–1978
- 3.16 Immigrants by Country of Last Permanent Residence and by Area of Destination, Ontario, 1979
- 3.17 Immigrants by Intended Occupation, Ontario, 1974–1978

Family and Social Services

Graphs

- 4.A Number of Families, Canada and Ontario, 1964–1979
- 4.B Marriage Rates and Divorce Rates, Canada and Ontario, 1955–1978
- 4.C Social Services Expenditures per Capita, by County, Ontario, 1978–79

Tables:

- 4.1 Number of Families, by Region, Canada, 1961–1979
- 4.2 Census Families by Size and by Number of Children Living at Home, Ontario, Census Years, 1956–1976
- 4.3 Number of Census Families, by County, Canada and Ontario, Census Years, 1956–1976
- 4.4 Marriages by Age of Bride and Groom, Canada and Ontario, 1974–1978
- 4.5 Marriages, by Selected Municipality, Ontario, 1973–1978

- 4.6 Marriages and Divorces, Canada and Ontario, 1950-1978
- 4.7 Marriage Rates and Divorce Rates, Canada and Ontario, 1950-1978
- 4.8 Provincial-Federal, Municipal and Other Participation in Social Service Expenditures, by Program, Year Ending March 31, 1979
- 4.9 Provincial-Federal, Municipal and Other Participation in Social Services Expenditures, by Municipal Unit, Year Ending March 1979
- 4.10 Expenditures of Social Services Programs, by County, Ontario, 1974-75 to 1978-79
- 4.11 Social Services Expenditures per Capita, by County, Ontario, 1974-75 to 1978-79

Health

Graphs:

- 5.A Average Life Expectancy by Selected Age, Ontario, Census Years, 1951-1976
- 5.B Population per Physician, Nurse and Dentist, Ontario, 1955-1978
- 5.C Death from Cancer and Heart Disease by Sex, Ontario, 1971-1977
- 5.D Rates of Death from All Forms of Tuberculosis, Canada and Ontario, 1955-1978
- 5.E Cigarette Smokers, Ontario, 1972-1975, 1977
- 5.F Volume of Sales of Alcoholic Beverages, Ontario, 1971-72 to 1977-78

Tables:

- 5.1 Average Life Expectancy by Selected Age, Canada and Ontario, Census Years, 1951-1976
- 5.2 Doctors, Specialists and Non-Specialists, by County, Ontario, 1978
- 5.3 Estimated Physicians Resident, Ontario, 1950-1978
- 5.4 Registered Nurses, Ontario, 1950-1978
- 5.5 Registered Nurses Employed, by County, Ontario, 1978
- 5.6 Registered Nursing Assistants Employed, by County, Ontario, 1978
- 5.7 Dentists Licensed to Practice, Ontario, 1950-1978
- 5.8 Dentists, by County, Ontario, 1978
- 5.9 Expenditures on Health, Canada and Ontario, 1960-1978
- 5.10 Expenditures per Person on Health, Canada and Ontario, 1960-1978
- 5.11 Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1977-1979
- 5.12 Selected Summary Data of Reporting Hospitals for Adults and Children, Canada and Ontario, 1965-1978/79
- 5.13 Hospital Separations, Days of Hospitalization, Hospital Separation Rates and Average Days Per Stay by Sex, Canada and Ontario, Selected Years, 1965-1977
- 5.14 Reported Cases of Notifiable Diseases, Canada and Ontario, 1978-1979

- 5.15 Notifiable Diseases and Rates, Ontario, 1977-1979
- 5.16 Death from Cancer and Heart Disease by Sex, Canada and Ontario, 1969-1977
- 5.17 Deaths from All Forms of Tuberculosis and Rates, Canada and Ontario, 1950-1978
- 5.18 Notified Cases of Active Tuberculosis, by County, Ontario, 1978
- 5.19 Tuberculosis by Site and Type of Disease Among Canadian-Born, Registered Indians and Foreign-Born, Ontario, 1978
- 5.20 Deaths Attributed to Tuberculosis, Ontario, 1978
- 5.21 Types of Psychiatric Inpatient Facilities Reporting, Canada and Ontario, 1974-1977
- 5.22 Patients on the Books and Admissions of Psychiatric Facilities by Age Group, Ontario, 1961 to 1978-79
- 5.23 Psychiatric Inpatient Facilities, First Admissions Rates, Canada and Ontario, Selected Years, 1951-1977
- 5.24 Psychiatric Inpatient Facilities, First Admissions and Readmissions, Canada and Ontario, Selected Years, 1951-1977
- 5.25 Average Daily Population of Mental Retardation Facilities and Psychiatric Institutions, Ontario, 1950-1979
- 5.26 Patients on the Books of Psychiatric Hospitals by Diagnosis, Ontario, 1978-79
- 5.27 Discharges and Discharge Rates from Psychiatric Facilities by Age Group, Ontario, 1959-1978-79
- 5.28 Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1978-79
- 5.29 OHIP Claim Payments by Category Distribution and Service, Ontario, 1974-75 to 1978-79
- 5.30 Per Capita Cost of OHIP Insured Population by Category Distribution and Service, Ontario, 1975-76 to 1978-79
- 5.31 Distribution of OHIP Payments for Services Rendered by Physicians, Ontario, 1978-79
- 5.32 Cigarette Smokers, Canada and Ontario, 1972-1975, 1977
- 5.33 Sales of Alcoholic Beverages by Volume and Apparent Consumption, Canada and Ontario, 1972-73 to 1977-78
- 5.34 Deaths and Death Rates from Alcohol-Related Problems and Estimated Prevalence of Alcoholism, Canada and Ontario, 1971-1977

Education

Graphs:

- 6.A School Enrolments, Ontario, 1969-1979
- 6.B Pupil/Teacher Ratio, Ontario, 1959-1979
- 6.C Full-Time Post-Secondary Enrolment by Level, Related to Relevant Population, Canada and Ontario, 1972-73 to 1978-79
- 6.D Expenditures on Education per Full-Time Student, at all Levels, Canada and Provinces, 1976 and 1977
- 6.E Expenditures on Education per Capita of the Labour Force, at all Levels, Canada and the Provinces, 1976 and 1977

Tables:

- 6.1 Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1976-77 and 1977-78
- 6.2 Enrolment in Private and Public Schools, Canada and Ontario, 1959-60 to 1981-82
- 6.3 Elementary School Enrolment by Age and Sex, Ontario, 1978 and 1979
- 6.4 Enrolment in Elementary and Secondary Schools by Sex and Grade Group, Canada and Ontario, Selected Years, 1971-72 to 1978-79
- 6.5 Secondary School Enrolment by Age and Sex, Ontario, 1978 and 1979
- 6.6 Public School Enrolment by Year, Ontario, 1968-1979
- 6.7 Elementary and Secondary School Enrolment by Grade, Ontario, 1958-1979
- 6.8 Private School Enrolment by Grade Level and Sex, Ontario, 1972-1979
- 6.9 Roman Catholic Separate School Enrolment by Grade, Ontario, 1970-1979
- 6.10 Enrolment of French-Speaking Students in Secondary Schools, Ontario, 1969-1979
- 6.11 English-Speaking Elementary School Pupils Enrolled in French Classes, Ontario, 1969-1979
- 6.12 Enrolment of Registered Indians in Federal Schools by Grade, Canada and Ontario, Selected Years, 1955-56 to 1979-80
- 6.13 Enrolment of Registered Indians in Non-Federal Schools by Grade, Canada and Ontario, Selected Years, 1955-56 to 1979-80
- 6.14 Enrolment in Schools for the Blind, Canada and Ontario, 1973-74 to 1978-79
- 6.15 Enrolment in Schools for the Deaf, Canada and Ontario, 1973-74 to 1978-79
- 6.16 Enrolment in French as Second Language, Canada and Ontario, 1971-72 to 1978-79
- 6.17 Adult Training Enrolment at Colleges of Applied Arts & Technology, Ontario, 1972-1980
- 6.18 Industrial Training Branch Major Program Statistics, Ontario, 1971-72 to 1979-80
- 6.19 University Enrolment, by Sex, Canada and Ontario, 1972-73 to 1977-78
- 6.20 Total Enrolment at University by Institution, Ontario, 1978 and 1979
- 6.21 Full-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1975-76 to 1977-78
- 6.22 Part-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1975-76 to 1977-78
- 6.23 Diplomas and Certificates Awarded by Community Colleges and Related Institutions, by Type of Institution and Sex, Canada and Ontario, 1967-68 to 1977-78
- 6.24 Secondary School Student Certificates and Diplomas, Ontario, 1973-1979
- 6.25 Teacher Graduates by Faculty, Grade and Division, Ontario, 1979
- 6.26 Graduates of Colleges of Applied Arts & Technology, Ontario, 1972-73 to 1978-79
- 6.27 University Degrees Awarded by Sex, Canada and Ontario, 1972 to 1980
- 6.28 Schools, Teachers and Enrolment in French Language Elementary Schools, Ontario, 1960-1979

- 6.29 Schools, Teachers and Enrolment, by County and District, Ontario, 1978 and 1979
- 6.30 Total Full-Time University Teachers by Sex, Degree and Age, Ontario 1974-75 to 1977-78
- 6.31 Average Academic Salaries by Rank at Universities, Ontario, 1973-74 to 1978-79
- 6.32 Expenditures on Education, Percentage Distribution by Source of Funds, Canada and Ontario, Selected Years, 1965-1977
- 6.33 Ontario Graduate Fellowships/Scholarships, 1973-74 to 1979-80
- 6.34 Ontario Student Assistance Program, 1978-79
- 6.35 Summary of Financial Statistics of School Boards, Ontario, 1977 and 1978
- 6.36 Local Taxation for Education, Ontario, 1968-1978
- 6.37 School Board Expenditures and General Legislative Grants, Ontario, 1969-1979
- 6.38 Comparison of Ontario Population and Publicly Supported Elementary and Secondary School Enrolment by Selected Age Groups, 1970-79
- 6.39 Public Education in Ontario, 1979
- 6.40 French as a Second Language, Canada and Ontario, 1970-71 to 1978-79
- 6.41 In-service Programs Completed by Teachers, Ontario, 1978-79

Crime and Justice

Graphs:

- 7.A Rate of Offences per 100,000 Population, Canada and Ontario, 1977 and 1978
- 7.B Juvenile Delinquents by Age, Ontario, 1974-78
- 7.C Persons in Correctional Institutions Canada and Ontario, 1969-1978
- 7.D Admissions to Provincial Jail, by Age, Ontario, 1971-72 to 1979-80
- 7.E Persons Killed in Motor Vehicle Accidents, Ontario, 1968-1978

Tables:

- 7.1 Number of Adults Charged by Offence Group, Canada and Ontario, 1972-1978
- 7.2 Number of Actual Offences, Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1971-1978
- 7.3 Rate of Actual Offences per 100,000 Population (for the Uniform Crime Reporting Offence Classification), by Province, Canada, 1978
- 7.4 Summary and Rate of Crime per 100,000 Population, by Selected Police Jurisdiction, Ontario, 1978
- 7.5 Result of Charges by Nature of Indictable Offence, Canada and Ontario, 1973
- 7.6 Convictions of Offences Punishable on Summary Conviction by Offence Group, Canada and Ontario, 1968-1973
- 7.7 Results of Proceedings Against Persons Charged by Type of Trial, Canada and Ontario, 1968-1973

- 7.8 Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada and Ontario, 1971–1973
- 7.9 Number of Juveniles Charged by Offence Group, Canada and Ontario, 1972–1978
- 7.10 Nature of the Court Decision Rendered for Juveniles Charged, Canada and Ontario, 1974–1978
- 7.11 Sex and Age of Juveniles Appearing in Court for Charges of Delinquency, Canada and Ontario, 1974–1978
- 7.12 Number of Juveniles Charged by Nature of the Delinquency, Canada and Ontario, 1974–78
- 7.13 Persons in Correctional Institutions by Type of Institution, Canada and Ontario, 1970–1978
- 7.14 Movement of Jail Population, Ontario, 1975–76 to 1979–80
- 7.15 Use of Jail and Detention Centre Accommodation, by Institution, Ontario, 1979–80
- 7.16 Admissions to Provincial Jails by Age and Sex, Ontario, 1971–72 to 1979–80
- 7.17 Motor Vehicle Accidents, Ontario, 1950–1978
- 7.18 Motor Vehicle Accidents, by County, Ontario, 1978

Recreation and Tourism

Graphs:

- 8.A Provincial Park Attendance, 1961–1979
- 8.B Participation in Selected Recreational Activities by Rate, Ontario, 1974
- 8.C Residents of Countries other than U.S.A. Entering Canada by Type of Transportation, Canada and Ontario, 1974–1979
- 8.D Canadian Vehicles Returning from the United States, Canada and Ontario, 1974–1979

Tables:

- 8.1 Provincial Park Attendance, Ontario, 1961–1979
- 8.2 Provincial Park Characteristics, Ontario, 1965–1979
- 8.3 Number of Person–Trips and Expenditure by Travellers in Ontario, by Origin, 1978–79
- 8.4 Overnight Camping Equipment and Boats, Canada and Ontario, Selected Years, 1974–1978
- 8.5 Outboard Motors, Canada and Ontario, Selected Years, 1968–1978
- 8.6 Vacation Homes, Canada and Ontario, Selected Years, 1973–1978
- 8.7 Adult-Size Bicycles, Canada and Ontario, 1975–1978
- 8.8 Snowmobiles, Canada and Ontario, 1974–1978
- 8.9 Principal Statistics of Motion Picture Theatres by Selected City, Canada and Ontario, 1973–1978
- 8.10 Principal Statistics of Drive-In Theatres, Canada and Ontario, 1967–1978
- 8.11 Principal Statistics for Hotels, Canada and Ontario, 1974–1977

- 8.12 Nature of Receipts, Hotels, Canada and Ontario, 1974–1977
- 8.13 Non-Resident Travellers Entering Canada by Place of Residence, Canada and Ontario, 1974–1979
- 8.14 Canadian Resident Travellers Returning from the United States by Type of Transportation, Canada and Ontario, 1968–1979
- 8.15 U.S. Residents Entering Canada by Type of Transportation, Canada and Ontario, 1973–1979
- 8.16 Residents of Countries other than the U.S.A. Entering Canada, by Type of Transportation, Canada and Ontario, 1973–1979
- 8.17 Canadian Vehicles Returning from the United States, Canada and Ontario, 1968–1979
- 8.18 U.S. Vehicles Entering Canada, Canada and Ontario, 1968–1979
- 8.19 Canadian Resident Travellers Returning from Overseas Countries, Canada and Ontario, 1950–1979

Housing and Household Equipment

Graphs:

- 9.A Consumer Price Indexes by Selected Housing Components and All Items, Canada, 1961–1979
- 9.B Households with Selected Facilities and Equipment, Ontario, 1969–1979
- 9.C Automobiles, Ontario, 1972–1979
- 9.D Apartment Vacancy Rates by Census Metropolitan Area, Ontario, 1974–1979

Tables:

- 9.1 National Housing Stock, by Province, Canada, Census Years, 1951–1976
- 9.2 Crowding, by Province, Canada, Census Years, 1951–1971
- 9.3 Size of Household, Canada and Ontario, 1967–1979
- 9.4 Tenure and Type of Dwelling, Canada and Ontario, 1967–1979
- 9.5 Rooms and Bedrooms per Dwelling, Canada and Ontario, 1967–1979
- 9.6 Newly Completed and Unoccupied Dwellings, by Census Metropolitan Area, Ontario, Quarterly 1976–1979
- 9.7 Privately Initiated Apartment Completions by Size of Structure, by Census Metropolitan Area, Ontario, 1977–1979
- 9.8 Apartment Vacancy Rates, by Census Metropolitan Area, Ontario, 1974–1979
- 9.9 Consumer Price Indexes by Selected Housing Components and All Items, Canada, 1961–1979
- 9.10 Water Supply and Source of Water, Canada and Ontario, 1967–1979
- 9.11 Principal Heating Fuel and Equipment, Canada and Ontario, 1969–1979
- 9.12 Toilet and Installed Bath Facilities, Canada and Ontario, 1967–1979
- 9.13 Electric Refrigerators, Home Freezers, Electric Washing Machines and Clothes Dryers, Canada and Ontario, 1967–1979

- 9.14 Air Conditioners and Automatic Dishwashers, Canada and Ontario, 1967–1979
- 9.15 Automobiles and Garages, Canada and Ontario, 1967–1979
- 9.16 Households with Automobiles, Showing Numbers With and Without Radios and FM Radios, Canada and Ontario, 1967–79
- 9.17 Telephones and Radios, Canada and Ontario, 1967–1979
- 9.18 Black and White and Colour Television Sets, Canada and Ontario, 1967–1979
- 9.19 Record-Playing Equipment, Canada and Ontario, 1967–1979
- 9.20 FM Receivers and Battery/Transistor Radios, Canada and Ontario, 1967–1979
- 9.21 Snowblowers and Lawn-Mowers, Canada and Ontario, Selected Years, 1968–1978

Media and Communications

Graphs:

- 10.A Telephone Calls Per Telephone, Ontario, 1973–1978
- 10.B Telephones by Type of Service, Ontario, 1973–1978
- 10.C AM, FM and TV Originating Stations, Canada and Provinces, March, 1980
- 10.D Stock and Circulation for All Public Libraries, Ontario, 1964–1978

Tables:

- 10.1 Telephones in Selected Telephone Exchanges, Ontario, 1978
- 10.2 Telephone Calls, Canada and Ontario, 1973–1978
- 10.3 Telephones by Type of Service, Canada and Ontario, 1973–1978
- 10.4 Summary of Pole Line, Wire Mileage, Number of Offices and Telegrams Sent, Canada and Ontario, 1971–1978
- 10.5 Television Stations, by Language, Canada and Provinces, March 1980
- 10.6 AM and FM Stations, by Language, Canada and Provinces, March 1980
- 10.7 Stock and Circulation for all Public Libraries, Canada and Ontario, 1960–1978
- 10.8 Circulation of Selected Daily Newspapers, Ontario 1974–1979
- 10.9 Selected Magazines Ranked by Circulation, Canada and Ontario, 1974–1979

Labour

Graphs:

- 11.A The Labour Force, Ontario, 1976–1979
- 11.B Participation Rates of Population 15 Years of Age and Over, Seasonally-Adjusted, Canada and Ontario, 1976–1980

- 11.C Unemployment Rates, Seasonally-Adjusted, Canada and Ontario, 1976–1980
- 11.D Wages and Salaries, Canada and Ontario, 1974–1979
- 11.E Average Hourly Earnings in Manufacturing, Canada and Ontario, 1975–1979
- 11.F Strikes and Lockouts, Ontario, 1961–1979

Tables:

- 11.1 Labour Force by Age Group, Ontario, 1950–1979
- 11.2 Summary Labour Force Characteristics by Province, Canada, 1972–1979
- 11.3 Employment as a Percentage of Population 14 Years of Age and Over, Canada and Ontario, 1953–1979
- 11.4 Participation Rates by Sex, Canada and Ontario, 1953–1979
- 11.5 Participation Rates by Age Group, Ontario, 1956–1979
- 11.6 Persons In and Not In the Labour Force by Sex, Canada and Ontario, 1950–1979
- 11.7 Agricultural and Non-Agricultural Labour Force by Sex and by Age Group, Canada and Ontario, 1968–1979
- 11.8 Non-Agricultural Labour Force, by Region, Canada, 1964–1979
- 11.9 Labour Force and Employed by Industry, Ontario, 1969–1979
- 11.10 Average Weekly Hours Worked in Manufacturing, by Region, Canada, 1969–1979
- 11.11 Average Weekly Hours Worked and Average Hourly Earnings in Manufacturing, by Selected Urban Area, Ontario, 1975–1979
- 11.12 Labour Force and Employed by Occupation, Ontario, 1976–1979
- 11.13 Employment Index Numbers, Industrial Composite, by Selected Urban Area, Ontario, 1973–1979
- 11.14 Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1964–1979
- 11.15 Employment by Sex, Canada and Ontario, 1953–1979
- 11.16 The Employed by Class of Worker, Ontario, 1966–1979
- 11.17 Unemployed Persons by Family Status, Ontario, 1966–1979
- 11.18 Unemployment Rates by Age and Sex, Ontario, 1956–1979
- 11.19 Unemployed Persons by Occupation, Canada and Ontario, 1975–1979
- 11.20 Duration of Unemployment, Canada and Ontario, 1973–1979
- 11.21 Current Full-Time Job Vacancies by Selected Occupation, Canada and Ontario, Quarterly, 1971–1978
- 11.22 Current Full-Time Job Vacancies by Selected Industry, Canada and Ontario, Quarterly, 1971–1978
- 11.23 Union Membership, Canada and Ontario, 1961–1977
- 11.24 Distribution of Membership of Reporting National Labour Organizations by Affiliation, Canada and Ontario, 1969–1977

- 11.25 Distribution of Membership of Reporting International Labour Organizations by Affiliation, Canada and Ontario, 1969–1977
- 11.26 Distribution of Collective Agreements of All Reporting Labour Organizations, Canada and Ontario, 1968–1977
- 11.27 Strikes and Lockouts, Ontario, 1958–1979

Income

Graphs:

- 12.A Provincial Income and Gross Provincial Product, Ontario, 1955–1978
- 12.B Personal Income Per Person, Canada and Ontario, 1955–1978
- 12.C Minimum Hourly Wages, Ontario, 1967–1979
- 12.D Average Weekly Earnings, Industrial Composite, Manufacturing and Mining, Ontario, 1950–1979

Tables:

- 12.1 Provincial Income and Gross Provincial Product, Ontario, 1965, 1972–1978
- 12.2 Gross Provincial Expenditure, Ontario, 1965, 1972–1978
- 12.3 Summary of Personal Income, Canada and Ontario, 1950–1978
- 12.4 Personal Income, by Province, Canada, 1951–1978
- 12.5 Personal Income per Person, by Province, Canada, 1951–1978
- 12.6 Personal Disposable Income, by Province, Canada, 1951–1978
- 12.7 Percentage Distribution of Low Income Families and Unattached Individuals with Other Families and Unattached Individuals, by Region, 1972–1978
- 12.8 Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1973–1978
- 12.9 Incidence of Low Income Among Families and Unattached Individuals, by Region, 1972–1978
- 12.10 Minimum Hourly Wages, Ontario, 1965–1979
- 12.11 Average Weekly Earnings by Industry, Ontario, 1962–1979
- 12.12 Average Weekly Earnings, Industrial Composite, Manufacturing and Mining, Canada and Ontario, 1950–1979
- 12.13 Average Weekly Earnings, Industrial Composite and Manufacturing, by Selected Urban Area, Ontario, 1968–1979
- 12.14 Percentage of Office Employees who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1967–1977
- 12.15 Percentage of Non-Office Employees who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1967–1977
- 12.16 Total Income and Taxable Income, by Region, Canada, 1970–1978
- 12.17 Taxable Returns, by County, Ontario, 1973–1978
- 12.18 Taxable Returns, by Selected City, Ontario, 1973–1978

Prices

Graphs:

- 13.A Consumer Price Indexes by Item, Canada, 1966–1979
- 13.B Price Indexes: Implicit (Gross National Expenditure), Canada, 1961–1979
- 13.C Index Number of Farm Prices of Agricultural Products, Ontario and Canada, 1971–1979
- 13.D Export and Import Price Indexes, by Selected Commodity Group, Canada, 1968–79

Tables:

- 13.1 Consumer Price Indexes, Canada and Selected Ontario Cities, Selected Years, 1965–1979
- 13.2 Trade Price Indexes by Commodity Group, Canada, 1968–1979
- 13.3 Implicit Price Indexes, Gross National Expenditure, Canada, 1961–1979
- 13.4 Industry, Secondary Metals and Energy Price Indexes, Canada, 1961–1979
- 13.5 Farm Input Price Indexes, Eastern Canada, Western Canada and Canada, 1975–1979
- 13.6 Index Numbers of Farm Prices of Agricultural Products, Ontario and Canada, 1971–1979
- 13.7 Raw Materials Price Indexes, Canada 1977–1978
- 13.8 Building Construction Price Indexes, Canada and Ontario, 1961–1979
- 13.9 New Housing Price Indexes, by Metropolitan Areas, 1971–1979

Finance

Graphs:

- 14.A Relative Importance of Major Revenue Sources, Ontario, 1974–75 to 1980–81
- 14.B Relative Importance of Major Expenditure Functions, Ontario, Selected Years, 1974–75 to 1980–81
- 14.C The Federal Tax Dollar in Ontario and the Rest of Canada, 1979
- 14.D The Budget Dollar, Ontario, 1980–81
- 14.E Marketable Bond Issues and Retirements, Ontario, 1974 to 1979
- 14.F Cheques Cashied against Individual Accounts, Canada, Ontario and Toronto, 1945–1979
- 14.G Toronto Stock Exchange – Industrial Index, 1960–1980
- 14.H Growth in the Number of Corporations, Ontario, 1961 to 1979–80
- 14.I Outstanding Balances of Consumer Credit, Canada, 1973–1979

Tables:

- 14.1 Ten Year Review, Ontario, 1971–72 to 1980–81
- 14.2 Budgetary Revenue, Ontario, 1975–76 to 1980–81

- 14.3 Budgetary Expenditure by Policy Field and Ministerial Responsibility, Ontario, 1975-76 to 1980-81
- 14.4 Municipal Revenue Fund, Revenues, Ontario, 1968-1978
- 14.5 Municipal Revenue Fund, Expenditures, Ontario, 1968-1978
- 14.6 Federal Government Payments to Ontario, 1975-76 to 1980-81
- 14.7 Government Revenue, Expenditure and Surplus or Deficit on a National Accounts Basis, Ontario, Selected Years, 1971-1978
- 14.8 Municipal Revenue Fund, Expenditures, by Upper Tier, Ontario, 1978
- 14.9 Municipal Revenue Fund, Revenues, by Upper Tier, Ontario, 1978
- 14.10 Municipal Capital Fund, Ontario, 1968-1978
- 14.11 Municipal Capital Fund, by Upper Tier, Ontario, 1978
- 14.12 Federal and Provincial Bond Issues and Retirements, Canada, 1968-1979
- 14.13 Marketable Bond Issues and Retirements, Ontario, 1975-1979
- 14.14 Official International Reserves, Canada, 1953-1979
- 14.15 Chartered Banks Selected Assets in Canadian Currency, Ontario, Quarterly, 1972-1979
- 14.16 Cheques Cashied Against Individual Accounts, by Selected City, Canada and Ontario, 1960-1979
- 14.17 Consumer Credit: Outstanding Balances of Selected Holders, Canada, 1968-1979
- 14.18 Toronto Stock Exchange - TSE 300 Composite Index, 1958-1979
- 14.19 Number of Active Corporations, Ontario, 1956 to 1979-80
- 14.20 New Corporations, Ontario, 1951 to 1979-80
- 14.21 Business Bankruptcies by Industry and Region, Canada, 1977-1979

Trade

Graphs:

- 15.A Imports and Exports, Ontario, 1973-1979
- 15.B Exports, Canada and Ontario, 1974-1979
- 15.C Composition of Exports, Ontario, 1974-1978
- 15.D Retail Trade Annual Sales, Canada and Ontario, 1950-1979
- 15.E Value of Retail Trade by Kind of Business, Ontario, 1950-1979

Tables:

- 15.1 Exports to Principal Trading Areas, Canada and Ontario, 1972-1979
- 15.2 Merchandise Trade with Selected Countries, Canada, 1965-1979
- 15.3 Exports by Commodity Section, Canada and Ontario, 1975-1979
- 15.4 Imports by Commodity Section, Canada and Ontario, 1975-1979
- 15.5 Balance of Payments: Merchandise Trade Balance and Current Account Balance, Canada, 1950-1979

- 15.6 Value of Retail Trade by Kind of Business, Canada and Ontario, 1960-1979
- 15.7 Retail Trade Annual Sales, Canada, Ontario, Québec and British Columbia, 1956-1979
- 15.8 Department Store Sales, by Province, Canada, 1974-1979

Agriculture

Map:

- 16.A Change in Improved Farmland, 1971-1976

Graphs:

- 16.B Farm Size, by Region, Ontario, 1951 and 1976
- 16.C Number of Farms by Size Group, Ontario, Census Years, 1956-1976
- 16.D Current Values of Farm Capital by Item, Canada and Ontario, 1950-1979
- 16.E Fruit Production by Selected Type, Ontario, 1950-1979
- 16.F Number of Livestock on Farms by Class, Canada and Ontario, 1950-1979
- 16.G Number of Poultry on Farms by Class, Canada and Ontario, 1950-1979
- 16.H Production of Eggs, Ontario, 1974-1978
- 16.I Flower Production, Ontario, 1976-1978

Tables:

- 16.1 Estimate of Farm Numbers, by Province, 1976 and 1979
- 16.2 Farm Enlargement Statistics, by County, Ontario, 1980
- 16.3 Current Values of Farm Capital by Item, Canada and Ontario, 1950-1979
- 16.4 Farm Net Income, Ontario, 1975-1979
- 16.5 Farm Operating Expenses and Depreciation Charges, Ontario, 1975-1979
- 16.6 Income of Farm Operators from Farming Operations by Component, Canada and Ontario, 1950-1979
- 16.7 Farm Cash Receipts from Farming Operations, by Product, Ontario, 1975-1979
- 16.8 Agricultural and Food Exports, Ontario, 1968-1979
- 16.9 Vegetable Production by Selected Type, Ontario, 1951-1979
- 16.10 Vegetable Production, Acreage and Value, Ontario, 1978-1979
- 16.11 Fruit Production, Acreage and Value, Ontario, 1978 and 1979
- 16.12 Fruit Production by Selected Type, Ontario, 1950-1979
- 16.13 Number of Livestock and Poultry on Farms by Class, Canada and Ontario, 1950-1979
- 16.14 Milk Production and Cash Receipts, Sold off Farms, Ontario, 1977-1979
- 16.15 Crop Yields and Acreage, Ontario, 1976-1979
- 16.16 Production and Disposition of Eggs, Ontario, 1973-1978
- 16.17 Flower Production by Type, and Total Value, Canada and Ontario, 1976-1978

Fisheries and Wildlife

Graphs:

- 17.A Commercial Fish Harvest, Ontario, 1955–1979
- 17.B Unit Value of Commercial Fish Harvest, Ontario, 1955–1979
- 17.C Employment in Commercial Fishery, Ontario, 1964–1978
- 17.D New Investment in Commercial Fishery, Ontario, 1964–1978
- 17.E Commercial Fishing Licences, Ontario, 1950–1979
- 17.F Hunting Harvest by Type, Ontario, 1971–1978
- 17.G Total Value of Wild Fur Pelts by Type, Ontario, 1978 and 1979
- 17.H Average Pelt Value by Type, Ontario, 1978 and 1979

Tables:

- 17.1 Number of Angling Licences Sold to Non-Residents, Ontario, 1965–1979
- 17.2 Commercial Fish Harvest, Ontario, 1954–1979
- 17.3 Commercial Fish Harvest by Species, Ontario, 1967–1979
- 17.4 Commercial Fish Harvest by Waters, Ontario, 1962–1979
- 17.5 Commercial Fishing Licences, Ontario, 1950–1979
- 17.6 Employment and Investment in Commercial Fishery, Ontario, 1963–1978
- 17.7 Number of Hunting Licences Sold by Type, Ontario, 1953–1978
- 17.8 Hunting Harvest by Type, Ontario, 1969–1978
- 17.9 Wild Fur Harvest and Value, Ontario, 1979
- 17.10 Wild Fur Exported or Tanned, Ontario, 1977–1979
- 17.11 Production of Ranch-Raised Fox and Mink Pelts, Ontario, 1961–1978
- 17.12 Licenced Fur Farms by County, Ontario, 1965–1979

Forestry and Mining

Graphs:

- 18.A Estimates of Primary Forest Production, Canada, Ontario, Québec and British Columbia, 1978
- 18.B Forest Fires, Acres Burned, Ontario, 1955–1978
- 18.C Value of Mineral Production, Ontario, 1963–1979

Tables:

- 18.1 Estimates of Primary Forest Production, Canada, Ontario, Québec and British Columbia, 1950–1978
- 18.2 Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1971–1978
- 18.3 Principal Manufacturing Statistics for Sawmills and Planing Mills (Excluding Shingle Mills), Canada and Ontario, 1975–1978

- 18.4 Total Wood Volume and Allowable Cut by Species, Canada and Ontario, 1976
- 18.5 Shipments of Roundwood, by the "Logging Industry", Canada and Ontario, 1973–1978
- 18.6 Volume of Paper Production by Kind, Ontario, 1950–1978
- 18.7 Depletion of Forest Resources, Ontario, 1972–1978
- 18.8 Forest Fires by Cause, Ontario, 1961–1978
- 18.9 Forest Fires, Canada and Ontario, 1950–1978
- 18.10 Forest Fires, by Size Class, Canada and Ontario, 1950–1978
- 18.11 Value of Mineral Production, Ontario, 1960–1979
- 18.12 Production Value and Quantity of Selected Metallic Minerals, Ontario, 1960–1979
- 18.13 Production Value and Quantity of Non-Metallic Minerals, Canada and Ontario, 1977–1979
- 18.14 Production Value and Quantity of Fuels and Structural Materials, Canada and Ontario, 1977–1979

Energy

Map:

- 19.A Ontario Hydro System

Graphs:

- 19.B Primary Fuel Supply, Production of Electricity and Energy Exports, Ontario, 1977
- 19.C Energy Consumption by Commodity Group, Ontario, 1963–1977
- 19.D Energy Made Available, Ontario Hydro, 1968–1979
- 19.E Disposal of Energy, Ontario Hydro, 1968–1979
- 19.F Primary Energy Delivery, Ontario Hydro, 1950–1979
- 19.G Primary Revenues, Ontario Hydro, 1970–1979

Tables:

- 19.1 Primary Fuel and Electricity, Ontario, 1966–1977
- 19.2 Secondary Energy: Petroleum Products, Ontario, 1960–1977
- 19.3 Secondary Energy: Supply of Coal Products, Ontario, 1960–1977
- 19.4 Secondary Energy, Generation of Secondary Electricity, Ontario, 1960–1977
- 19.5 Energy Consumption by Use Sector, Ontario, 1959–1977
- 19.6 Energy Consumption by Commodity Group, Ontario, 1961–1977
- 19.7 Efficiency of Energy Commodity Conversion, Ontario, 1961–1977
- 19.8 Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1973–1977
- 19.9 Energy Sales, Ontario Hydro, 1971–1979
- 19.10 Percentage of Energy Supply by Source, Ontario Hydro, 1950–1979
- 19.11 Primary Energy Made Available, Ontario Hydro, 1950–1979

- 19.12 Generation of Energy, Canada and Ontario, 1973-1978
- 19.13 Electric Energy Distributed to Residential and General Services by Ontario Hydro, by Selected Urban Area, Ontario, 1975-1979
- 19.14 Number of Ultimate Customers Served Directly or Indirectly by Ontario Hydro, 1961-1979
- 19.15 Electric Energy Sales and Revenues, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1962-1979
- 19.16 Installed Generating Capacity, Canada and Ontario, 1973-1978
- 19.17 Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1972-1979
- 19.18 Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, Canada and Ontario, 1972-1979
- 19.19 Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1974-1979
- 19.20 Share Index of Consumption of Energy per Person per Sector of the Economy by Province, 1977
- 19.21 Program Funding Allocations by the Federal and Ontario Governments for Renewable Energy and for Energy Conservation
- 19.22 Ratio of Value of Shipments of Own Manufacture to Cost of Fuel and Electricity, Canada and Provinces 1957-1977

Manufacturing

Map:

- 20.A Change in Manufacturing Employment, 1969-1974

Graphs

- 20.B Principal Statistics of Manufacturing, Ontario, 1965-1977
- 20.C Motor Vehicle Production, Canada, 1961-1979
- 20.D Annual Production of Steel Ingots and Steel Castings for All Industries, Canada and Ontario, 1971-1977
- 20.E Comparison of Real Domestic Product with the Index of Industrial Production, Canada, 1973-1979

Tables:

- 20.1 Principal Statistics of Manufacturing, Ontario, 1951-1977
- 20.2 Principal Manufacturing Statistics by Industry Group, Ontario, 1976 and 1977
- 20.3 Principal Manufacturing Statistics by County, Ontario, 1975 and 1976
- 20.4 Principal Manufacturing Statistics by Type of Ownership, Ontario, 1976
- 20.5 Selected Principal Statistics of the Leading Industries, Canada and Ontario, 1976
- 20.6 Motor Vehicle Production, Canada, 1951-1979

- 20.7 Annual Production of Steel Ingots and Steel Castings for All Industries, by Region, Canada, 1972-1977
- 20.8 Gross National Product and Index of Industrial Production, Canada, 1952-1979
- 20.9 Industrial Distribution of Ontario's Commodity Production, 1950-1977
- 20.10 Position of Ontario's Commodity Production in Canada, 1950-1977
- 20.11 Real Domestic Product by Industry, Canada, 1971-1978

Investment and Construction

Graphs:

- 21.A Private and Public Investment, All Sectors, Ontario, 1955-1980
- 21.B Total Value of Construction Work Performed, Ontario, 1955-1979
- 21.C Number of Building Permits Issued, Ontario, 1969-1979
- 21.D Total Value of Building Construction by Type of Structure, Ontario, 1955-1978
- 21.E Number of Dwellings Started, Completed, and Under Construction, Ontario, 1960-1979
- 21.F Dwelling Starts by Type, Ontario, 1960-1979
- 21.G Capital and Repair Expenditures by Type, Ontario, 1974-1980

Tables:

- 21.1 Private and Public Investment, Canada and Ontario, 1950-1980
- 21.2 Private and Public Investment by Sector, Ontario, 1950-1980
- 21.3 Capital and Repair Investment by Type, by Province, Canada, 1974-1980
- 21.4 Capital and Repair Investment by Sector, Canada and Ontario, 1974-1980
- 21.5 Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1974-1980
- 21.6 Components of Private and Public Investment, Ontario, 1978 and 1979
- 21.7 Total Value of Building Construction by Type of Structure, Ontario, 1952-1978
- 21.8 Total Value of Engineering Construction by Type of Structure, Ontario, 1952-1978
- 21.9 Value of Construction Work Performed, Total and Contract, Labour Content and Cost of Materials Used, Ontario, 1956-1979
- 21.10 Total Value of Construction Work Performed, Ontario, 1952-1979
- 21.11 Number and Value of Building Permits Issued, by Province, Canada 1979
- 21.12 Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966-1979
- 21.13 Dwelling Starts, Completions and Under Construction, Canada and Ontario, 1950-1979
- 21.14 Dwelling Starts by Type, Canada and Ontario, 1959-1979

- 21.15 Dwelling Starts by Type, by Census Metropolitan Area, Ontario, 1970-1979
- 21.16 Dwelling Starts Financed by NHA and Other, by Census Metropolitan Area, Ontario, 1977-1979
- 21.17 Dwelling Starts by Type of Financing, Canada and Provinces, 1978-79

Transportation

Graphs:

- 22.A Motor Vehicle Registrations, Ontario, 1955-1979
- 22.B Highway and Road Mileages, Ontario, 1973-1978
- 22.C St. Lawrence Seaway Tonnage, 1960-1979
- 22.D St. Lawrence Seaway Transits, 1960-1979
- 22.E Distribution of Total Aircraft Movements at Air Traffic Controlled Airports by Selected City, Ontario, 1978

Tables:

- 22.1 Motor Vehicles Registrations, Canada, 1962-1978
- 22.2 Motor Vehicle Registrations, Permits Issued and Transfers, Ontario, 1977-1979
- 22.3 Highway and Road Kilometres Ontario, 1973-1978
- 22.4 International and Mainline Domestic Flights, by Selected City, Ontario, 1978
- 22.5 Distribution of Total Aircraft Movements at Air Traffic Controlled Airports, by Selected City, Ontario, 1977 and 1978
- 22.6 Tonnage and Transits, St. Lawrence Seaway, 1959-1979
- 22.7 Saint Lawrence Seaway, Traffic Summary by Type of Cargo, 1969-1979
- 22.8 Saint Lawrence Seaway, Gross Registered Tonnage of Traffic, Vessel Transits and Revenue, 1969-1979
- 22.9 Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1974-1978

Qualifying Remarks

The following symbols have been used in the tables:

- .. figures not available
- ... figures not appropriate or not applicable
 - nil or zero
- amount too small to be expressed
- p preliminary figures
- r revised figures

In some tables figures will not add due to rounding. All tables with 1971 Census of Population as source will not normally add due to rounding methodology, see Appendix II.

In the highlights the terms billion and trillion correspond to 10^9 and 10^{12} respectively.

Sub-provincial information has normally been supplied at county level, but in some cases regional information is reported. The reader should be cautious when using such data to ensure that regional descriptions do not differ. In the case of Planning Regions, used extensively within the Ministry of Treasury and Economics for regional studies, the Map of Ontario, which follows, provides clear description of the areas assigned to each region.

Part 1

Social Series

Physiography and Natural Environment

Highlights

Physiography — The Province of Ontario encompasses the following areas of land and water.

	<i>Square Miles</i>	<i>Hectares</i>
Land	344,092	89,121,360
Water	68,490	17,739,215
Great Lakes (under Ontario jurisdiction)	29,501	7,637,498
Other lakes & streams	38,989	10,101,717
TOTAL	412,582	106,860,575

Source: Surveyor General of Ontario, Ontario Ministry of Natural Resources.

All of the land and water area in the province can be apportioned into watersheds or drainage basins.

There are 18 major drainage basins in Ontario. Twelve of these are in the southern portion of the province. Approximately 71% of Ontario's population live in the 10 major watersheds of the Lake Ontario and Lake Erie drainage basins. These watersheds contain only 6.5% of the total land area of the Province.

• **Climate** — Ontario's climate is characterized by cold winters and warm summers. Mean temperatures can vary by as much as 35 degrees C, between the winter and summer seasons.

Since winter precipitation is stored as snow, stream flows in the spring months may be many times the low flows of other seasons. Some river flows vary from no flow at all to hundreds of cubic meters per second, which has resulted in major flooding problems.

Thunder Bay in Northern Ontario receives more bright sunshine than does Toronto. The amounts of solar radiation received in most Ontario cities are deemed sufficient for solar energy applications. The values for "degree days below 18°C" indicate the heating requirements for buildings in the cities listed.

• **Environmental Quality** — The Environmental Quality statistics presented in this Section are focused on pollution issues, and are organized as follows:

1. Emission and discharges — sources of stress.
2. Environmental objectives — standards, guidelines and criteria established by Local, Provincial, Federal and International agencies.
3. Ambient quality conditions — concentrations or levels of contaminants in the air, land or water.
4. Environmental effects — damages and problems caused by pollutants.
5. Pollution abatement and environmental protection efforts — sewage and water treatment facilities, legal and administrative actions by governments and financial resources spent on pollution control activities.

To the extent possible, the data are presented on the basis of ecological units such as watersheds.

• **Emissions and Discharges** — Total quantities of air pollution emissions currently amount to about 3,000 metric tonnes of contaminants per year. Inventories of five categories of air-borne contaminants are compiled for two metropolitan areas: Hamilton and Metropolitan Toronto. Although comparable emission data are not yet sufficient to determine trends in emission levels, it is clear that electric generating stations and motor vehicles are the primary sources of sulphur oxides and carbon monoxides respectively. Industrial sources are major contributors of sulphur oxides, nitrogen oxide, particulate matter and hydrocarbons.

The classification of hauled industrial waste, liquids and sludges, that the Ministry uses to monitor the generation and disposal of these materials was changed in 1978. The amounts recorded for the 12-month period, April

1, 1977 to April 1, 1978, are approximations based on the previous classification system. Furthermore, no distinction between liquids and sludges are made in the current data. The recorded amounts of liquids and sludges generated during the period, February 1, 1979 to February 29, 1980, increased over the previous recorded period by 30 million litres. Part of this increase is due to the inclusion of additional waste generating sources in the monitoring system.

Pollution to the surface waters of the province comes from six main sources (1) direct discharges from sewage treatment plants, (2) direct discharges from industrial sources, (3) combined storm and sanitary sewer overflows, (4) urban storm water runoff, (5) runoff from agricultural land, (6) deposition from the air in the form of particulate materials or dissolved solids.

Waste water discharges from the first two sources are monitored systematically. These data and estimates of the contributions from the other sources are reported in publications of the International Joint Commission (I.J.C.). Direct waste-water discharges from sewage treatment plants and industrial sources into major water-sheds during 1978 are listed in Table 1.5. Watersheds flowing into Lake Ontario received the largest BOD and suspended solids loadings during 1978. Surface waters in the Niagara Peninsula received the greatest amounts of BOD while the Hamilton area contributed the largest quantity of suspended solids in the same year. The Metropolitan Toronto area generated the largest quantity of phosphorus loading. Trends in discharge loadings for specific watersheds are available in various reports of the Ministry of the Environment or the I.J.C.

• **Environmental Objectives** – Two tables of environmental objectives found in *Ontario Statistics 1979* are omitted from this edition. These are:

“Phytotoxicology Excessive Levels of Contaminants in Soil and Vegetation” (Table 1.9 in *Ontario Statistics 1979*)

“Ambient Water Quality Objectives as Specified in the Agreement between Canada and the United States of America on Great Lakes Water Quality, 1978.” (Table 1.10 in *Ontario Statistics 1979*)

Air quality criteria for 6 common contaminants are presented in Table 1.6. These values represent the maximum acceptable concentration of the contaminant in community air over a specified time period. Criteria are not legally binding.

The Ontario Government has not established water quality standards or discharge objectives by Regulation. However, specific water quality objectives and policies are presented in *Water Management, Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment*, November 1978.

• **Ambient Quality Conditions** – Air quality data show that conditions have steadily improved throughout the province although there are a number of local air pollution and air quality problems. Two air quality problems to which research effort is now being directed are acidic precipitation and the chronic (long-term) health effects of low levels of air pollutants.

As of December 31, 1979, a total of 1,596 waste disposal sites were receiving industrial and municipal wastes, 382 were receiving treated sewage sludges and 418 were certified to receive only derelict motor vehicles. Inventories of closed land disposal sites are not yet available.

• **Environmental Effects** – Pollution can have a wide variety of adverse ecological and physical effects that can be measured in various, physical units. These types of effects include fish kills, fish and aquatic life population changes, human deaths and illness caused by pollution, damages to crops and livestock, etc. The human significance of these effects is more subjective and difficult to measure. One approach is to estimate the dollar value of the physical effects. Some effects obviously have a greater significance than do others.

While there are substantial amounts of data and information on environmental effects, they tend to be location specific, unsystematic, anecdotal and gathered on a one-time basis only. Table 1.10 indicates the number of locations where the consumption of fish must be restricted because of the contamination of fish with chemicals and heavy metals.

• **Pollution Abatement and Environmental Protection Activities** – Communal sewage treatment plants are in place for approximately 87% of the urban population of the Province while approximately 96% are served by communal water treatment facilities. The flows from the different types of municipal sewage treatment plants vary widely in quantity, quality and effects on receiving waters. Important problems associated with sewage treatment plants are odours, sewage sludge disposal and contamination with heavy metals (chromium, lead, copper, etc) and other persistent chemicals.

Between 1978 and 1979, the number of Ministerial Orders (Control Orders, Requirements and Directions, etc.) directing municipalities, individuals and companies to curtail pollution by a specific date increased by 107% to 110 orders. The number of new Control Orders issued in 1979 jumped to 66 from 10 in 1978. The total new and existing Control Orders in force in 1979 increased to 96 from 42 in the previous year. Ministerial Orders are public documents and can be examined at MOE Regional Offices.

A total of 105 charges under the Environmental Protection Act, the Water Resources Act and the Pesticides Act were before the courts during the period, April 1, 1979 through March 31, 1980. The highest fine levied in 1979 was \$6,000 whereas the highest fine received in 1978 was \$26,500.

An estimated \$97 million in capital expenditures were to be spent on pollution abatement devices in 1979 by industrial establishments, down from \$115 million in 1978. However, the value of water pollution control projects approved for basic iron and steel and pulp and paper industries rose dramatically in 1979 to \$15.4 and \$43.9 million respectively.

Construction of drainage facilities, water treatment plants, water pumping and distribution systems, sewers and sewage treatment facilities financed by public agencies in Ontario totalled about \$544 million in 1978 or about 5% of the total value (in current dollars) of all new and repair construction that appeared in the province. This represented an 8% decline in expenditure and an even greater decline in construction activity after allowance is made for inflation.

The direct operation and maintenance expenditures for sewage and water treatment plants and solid waste collection and disposal in Ontario amounted to \$717.6 million during the period April 1, 1978 – March 31, 1979. Nearly all of this was expended by local government agencies. The provincial government spent \$53.5 million in fiscal 1978-79 on pollution control and environmental protection programs. These expenditures increased to \$58.7 million in fiscal 1979-80. These expenditures amount to about 2% of the total provincial government expenditure.

The total capital and operating expenditures incurred by local and provincial governments during the period April 1, 1978 to March 31, 1979 for environmental protection and pollution control in Ontario amounted to \$1.263 billion.

In addition to the amounts presented in these Tables, financial resources are expended to operate and maintain existing private treatment facilities, to haul and dispose of liquid industrial wastes and sludges, conduct research and to offset noise around airports and near highways. Substantial sums are also spent on the development, installation and maintenance of vehicle exhaust emission controls. These data have yet to be compiled.

Definitions

Air pollution Index – A series of numbers expressing the relative levels of air pollution and taking into consideration one or more air contaminants. In Ontario, the air pollution index is derived from measures of sulphur dioxide and particulate matter.

Ambient Quality – The quality of the natural air, water or land as measured by concentration of contaminants.

Acidic Precipitation – Precipitation for which the acidity, as measured by pH, is less than 5.6, the natural pH of precipitation, caused, in large part, by the man made emissions of sulphur and nitrogen oxides into the atmosphere.

Bright Sunshine – The number of hours during which sunlight can be concentrated by a lens to scorch a card.

Carbon Monoxide – A colourless, odourless and toxic gas arising primarily from incomplete combustion of carbonaceous fuels.

Certificate of Approval – By authority of The Environmental Protection Act, 1971 and the Ontario Water Resources Act, all persons and companies must obtain a certificate of approval before constructing or installing any structures or equipment that will cause contaminants to the environment or alter the rate of such emissions.

Coefficient of Haze – The difference in the transmittance of light through clean filter paper and paper which has had outside air drawn through it. Air pollutants reduce the transmittance of light through the filter.

Control Order – By authority of Section 70 of the Environmental Protection Act, 1971, an MOE Regional Director may issue an order that directs a company, municipality or individual to stop polluting air or land or to undertake specified pollution abatement activities.

Criteria – As referred to in Regulation 872 of the Environmental Protection Act, 1971, the maximum acceptable concentration of the contaminant in community air over a specified sampling time period. These criteria are not legally binding, but provide guidance for the design of air pollution control devices and emission sources.

Degree Days – The sum of the daily differences between 18°C and the average daily temperature (when temperature is less than 18°C) for a given time period – e.g. a month or a year. This measure is used to calculate the heating requirements of buildings.

Environment

The *Environmental Assessment Act*, 1975, of Ontario defines environment as:

- (i) Air, land or water,
- (ii) plant and animal life, including man,
- (iii) the social economic and cultural conditions that influence the life of man or community,
- (iv) any building, structure, machine or other device or thing made by man,
- (v) any solid, liquid, gas, odour, heat, sound, vibration or radiation resulting directly or indirectly from the activities of man,

- (vi) any part or combination of the foregoing and the interrelationships between any two or more of them, in or of Ontario.

Environmental Protection – Activities that prevent pollution and environmental damages in the future.

Five-day Biological Oxygen Demand (BOD₅) – A measure representing the amount of dissolved oxygen that is required from water during the bacterial decay of organic pollutants. It is the difference in oxygen concentrations of a water sample after five days of incubation.

Hauled Industrial Wastes – Liquids and Sludges – wastes that contain toxic or other troublesome or hazardous materials. Waste liquids may or may not contain water and are distinguished from large volumes of waste waters that are generated by many industrial establishments.

Hydrocarbons – Non-methane, gas-phase hydrocarbons emitted into the atmosphere as contaminants by stationary sources such as petroleum refineries and by vehicular traffic. The latter is the chief source in urban areas. Hydrocarbons are significant due to their role in the development of photo-chemical smog, a combination of pollutants consisting mainly of ozone, which has an adverse affect on vegetation and health.

IJC – International Joint Commission: a body composed of the Federal governments of Canada and the U.S., U.S. states and the Province of Ontario set up to deal with environmental issues of mutual concern between Canada and the U.S.

Microgram – μg , 1×10^{-6} or one millionth of a gram.

MNR – Ontario Ministry of Natural Resources

MOE – Ontario Ministry of the Environment.

Nitrogen Oxides – Compounds of nitrogen almost exclusively represented by nitric oxide (NO) and nitrogen dioxide (NO₂), which are generated by natural and technological sources. The concentrations of these two nitrogen oxides in rural areas are usually lower than in urban areas. Major emissions are from automobiles and power generating stations.

Particulates – This is the most visible of all air pollutants consisting of particles dispersed in the air in either solid or liquid phase. Particulate air pollution may originate from many sources such as power generation, incineration, space heating, transportation, solid waste disposal, manufacturing and commercial operations. Particulates above certain concentration levels may cause direct injury to respiratory systems. They also combine with gaseous pollutants to form mixtures of compounds having adverse effects on health.

Phytotoxicology – The science of damages to plants by environmental contaminants.

Pollution Abatement – Activities and programs aimed at stopping or treating existing pollution emissions, or otherwise resolving current environmental problems.

Primary Treatment Plant – The first step in domestic sewage treatment that involves the mechanical removal of floating and settleable solids.

Program Approval – By authority of Section 10 of The Ontario Environmental Protection Act, 1971, an MOE Regional Director may issue an official Ministry agreement to a voluntary pollution abatement program submitted by a person or a company.

Provincial Budgetary Expenditures – Provincial government expenditures that pay for staff salaries, purchase equipment and supplies and pay for travel and other expenses incurred by the operating Ministry.

Provincial Capital Expenditures or Disbursements – Expenditures made by the Provincial Government for the construction of sewage treatment plants, water treatment, resource recovery plants, roads and other capital structures.

Requirement and Direction – By authority of Section 69 of the *Ontario Water Resources Act*, an MOE Regional Director may issue an order that directs a company or individual to stop polluting the water and/or undertake specified pollution abatement activities.

Secondary Sewage Treatment Plant – Sewage treatment processes that involve the biological decomposition of dissolved and suspended organic materials. Processes consist of bubbling air or oxygen through the waste water to accelerate biological activity.

Sewage Sludge – Semi-liquid waste with a solids concentration in excess of 2,500 parts per million that results from sewage treatment processes.

Soiling Index – A measure of particulate matter expressed as the coefficient of haze (COH).

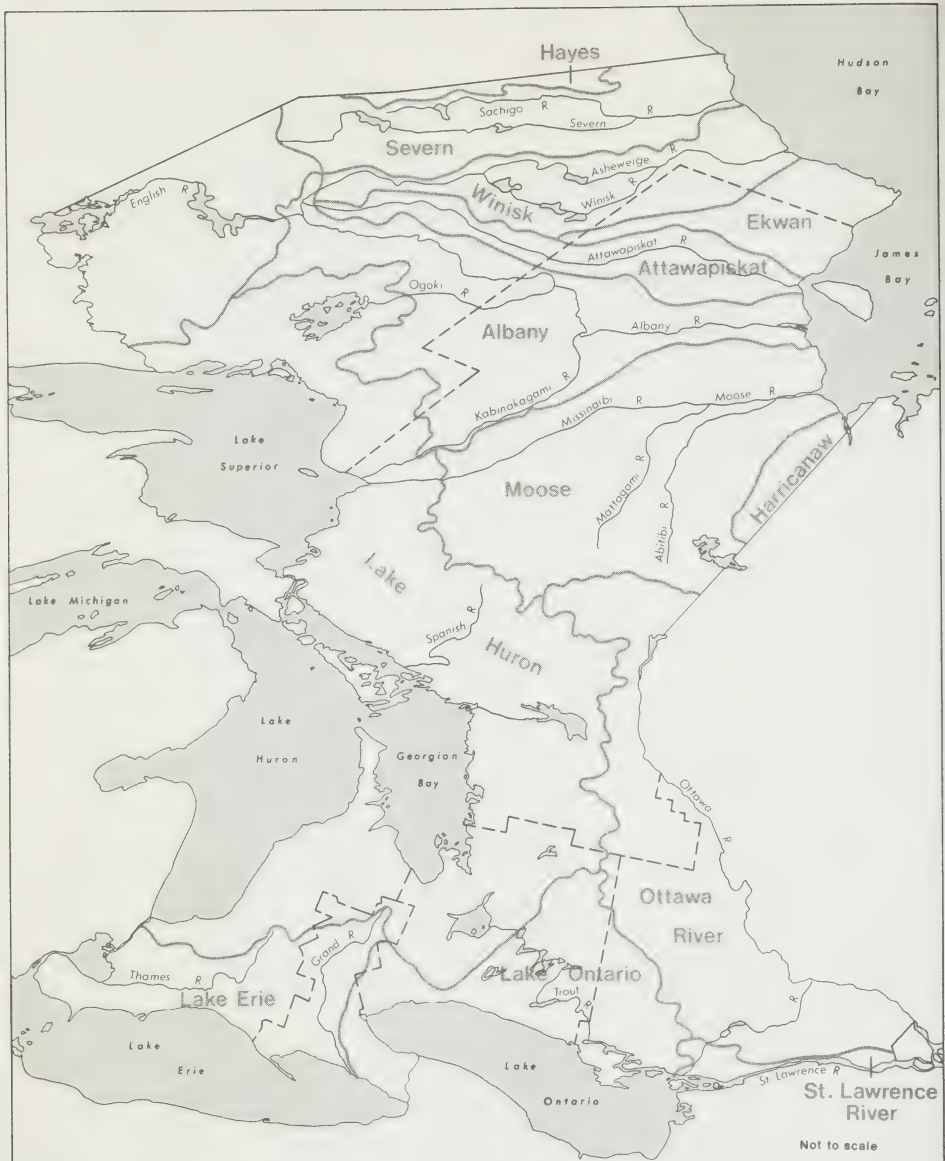
Standard – An numerical objective, stated either as an emission loading or the concentration of a contaminant in the ambient environment, specified in a statute or a Regulation. Violation of a Standard could result in a prosecution.

Sulphur Oxides – Compounds of sulphur that result from combustion, the primary being sulphur dioxide (SO_2). Sulphur dioxide contributes to the formation of sulphate particles and the acidification of rain.

Suspended Solids – A mixture of fine, nonsettling particles of any solids, usually organic, within water. One of the main measures of water pollution.

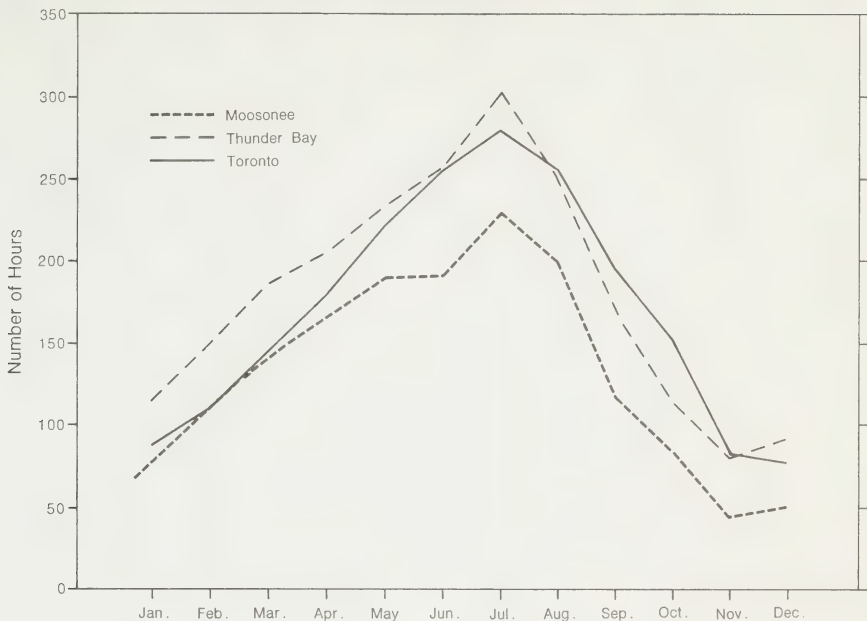
Total Precipitation – For any given month the total precipitation is obtained by adding the rainfall and the water equivalent of the snowfall for that month. Since 1960, some stations have been equipped with snow gauges in order to obtain the actual water content, while at other stations the water content has been estimated to be one tenth of the depth of the snowfall. Therefore, at some stations, mean total precipitation will be equal to the sum of the mean rainfall and one tenth of the mean snowfall, and at other stations it will depart slightly from that value.

Watershed – A watershed or drainage basin is an area in which all water falling any place in it will conceivably flow to a single point. Watershed boundaries are defined by the heights of land and constitute ecological, as opposed to political, geographical units. The actual number of watersheds are aggregated at various levels. The Great Lakes, for instance, constitute a single watershed or drainage basin.



Graph 1.B

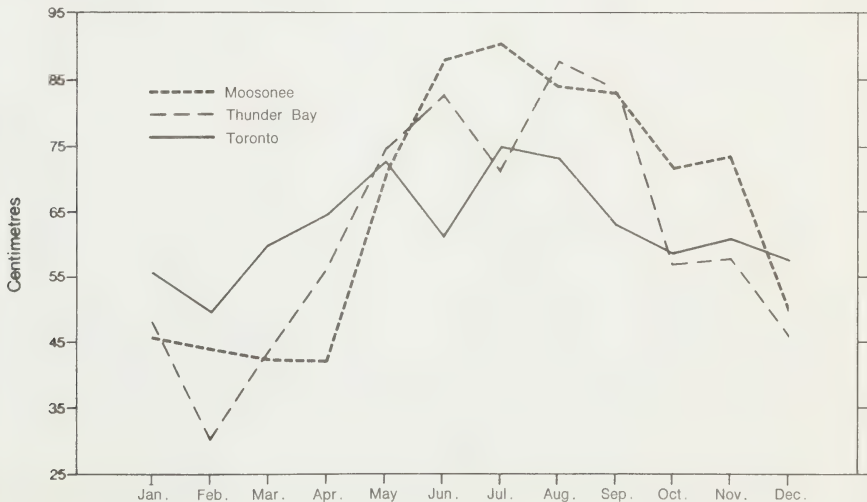
Number of Hours of Bright Sunshine by Selected Centre, Ontario



Refer to Table 1.2.

Graph 1.C

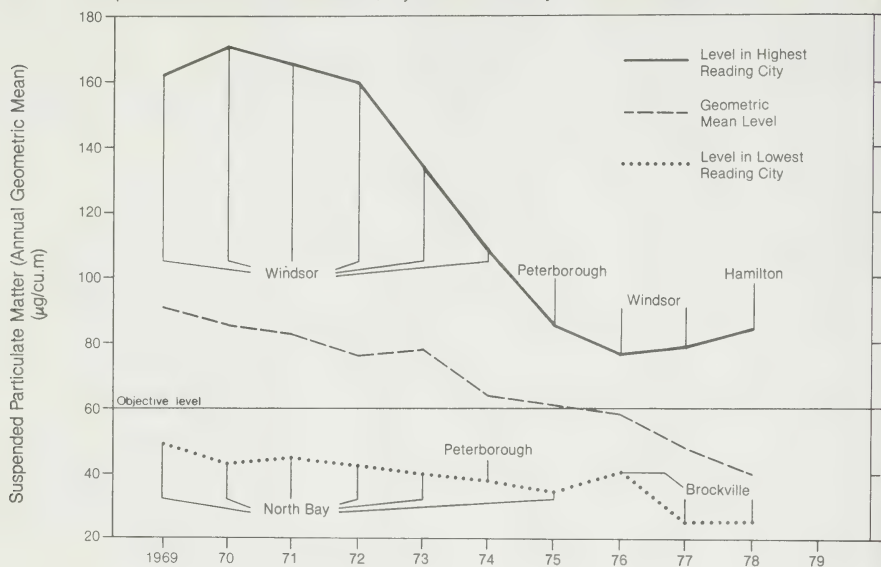
Mean Total Precipitation by Selected Centre, Ontario



Refer to Table 1.2.

Graph 1.D

Trends in Suspended Particulate Matter, by Selected City, Ontario, 1969-1978

**Graph 1.E**

Sulphur Dioxide Levels, by Selected City, Ontario, 1969-1978

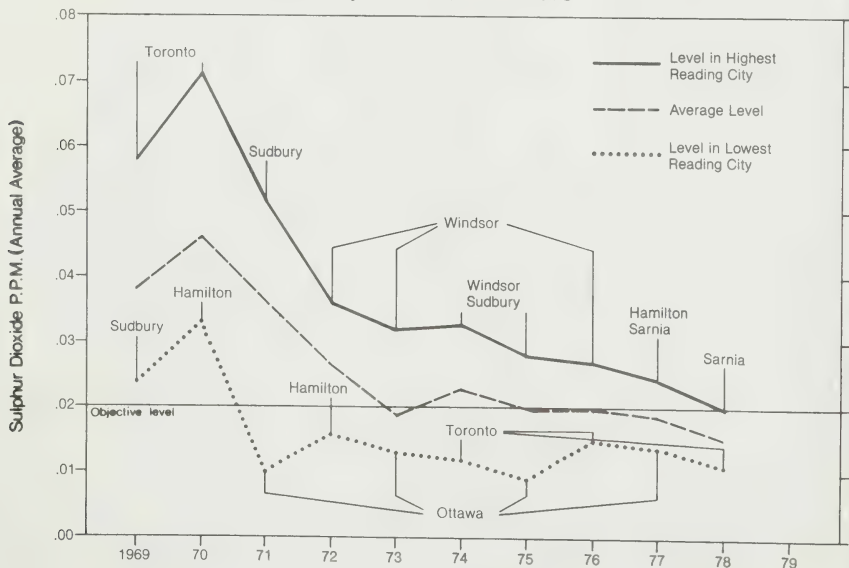


Table 1.1
Selected Statistics, Ontario and Shared Watersheds¹, 1971

Watershed Name	Water-shed Area ²	Popu-lation	Popu-lation Density	Total Dwell-ings	Number of Farms	Total Farm-land	Industrial Establish-ments ⁴	Total Number of Employees ⁴
	'000's Hectares	'000's	Persons/ sq km	'000's		'000's Hectares		
Atlantic Basin								
St. Lawrence River								
W. St. Lawrence	602	245.0	273.0	68.9	4,009	299.3	..	..
Quebec Part	102	64.0	419.8	16.8	1,030	59.8	..	..
Ontario Part	500	181.0	242.7	52.1	2,979	239.6	..	..
Ottawa River	15,016	1,178.2	52.6	321.2	17,035	1,577.8	..	..
Lower Ottawa	5,656	802.2	95.1	222.2	10,508	867.7	..	..
Quebec Part	4,698	323.0	46.1	82.8	3,218	312.3	..	..
Ontario Part	958	479.2	335.4	139.3	7,290	555.4	..	..
Upper Ottawa	9,360	376.0	26.9	99.0	6,527	710.2	..	..
Quebec Part	5,168	94.4	12.2	22.7	2,004	203.1	..	..
Ontario Part	4,192	281.6	46.1	76.3	4,523	507.0	..	..
Lake Ontario	3,179	3,981.5	840.2	1,167.6	21,012	1,258.4	7,680	363,449
Belleville	809	159.7	132.3	45.6	3,767	329.2	146	7,986
Trent System	1,346	193.8	96.6	56.9	5,808	453.7	275	11,635
Oshawa-Colborne	125	173.2	925.1	49.5	1,681	97.3	212	21,273
Toronto ³	312	2,434.5	5,241.4	721.8	2,425	124.9	5,663	221,500
Hamilton ³	258	630.5	1,639.7	181.6	2,375	106.2	834	65,715
Niagara Peninsula	329	389.8	796.2	112.2	4,956	147.0	550	35,340
L. Erie and								
Lake St. Clair	2,551	1,472.3	386.9	431.0	32,544	1,811.9	2,504	151,031
Grand River	777	489.9	422.9	141.2	9,232	519.3	1,046	63,874
Erie Shoreline	773	462.6	401.4	133.9	10,493	510.4	671	44,027
Thames River	600	426.0	476.0	127.7	8,316	490.0	646	35,894
Sydenham River	401	93.8	156.7	28.2	4,503	292.1	141	7,236
Lake Huron	9,466	966.3	68.4	267.2	24,937	1,906.0	1,171	57,457
South Huron	1,624	259.2	107.0	76.2	15,784	1,146.4	432	16,350
Georgian Bay-								
Lake Simcoe	2,250	321.9	95.8	92.6	7,287	501.2	384	15,792
North Huron	5,591	385.3	46.1	98.4	1,866	258.5	242	17,856
Lake Superior	8,022	150.3	12.7	42.3	461	44.9	113	7,459
Hudson Bay and Ungava Basin								
South and								
Southwest	87,116	227.7	1.8	53.8	1,423	159.1	..	..
Quebec Part	17,337	105.2	4.1	23.4	1,082	118.4	..	..
Ontario Part	58,733	117.8	1.3	29.7	341	40.7	..	..
Manitoba Part	11,046	4.7	0.3	0.7	-	-	..	..
Lake Winnipeg	18,385	114.4	4.1	30.4	3,568	580.1	..	..
Lake of the Woods (Ont.)	11,394	73.1	4.4	19.7	632	95.5	..	..
Lake Winnipeg								
Shoreline (Man.)	6,991	41.3	3.9	10.7	2,936	484.6	..	..
Total								
Ontario	98,995	7,703.1	7.8	2,225.2	94,719	6,459.0	..	..

1) Detailed definitions of the watersheds were developed by the Office of the Senior Advisor on Integration, S.C. Initial discussion of definitions may be found in SC, Catalogue 11-509E, *Human Activity and the Environment*.

2) Watershed areas are estimates for all land and water area except for the Great Lakes. See definitions.

3) These "watersheds" are designed to encompass major urban areas and may, in fact, consist of a number of small watersheds.

4) Number of industrial establishments and total number of employees are 1973 figures.

Source: SC, *Human Activity and the Environment*, Catalogue 11-509E.

Table 1.2

Mean Monthly Temperature, Degree Days¹, Precipitation and Number of Hours of Bright Sunshine², by Selected Centre, Ontario

Station and Element ³	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code ⁴
(Latitude 43 02 N Longitude 81 09 W Elevation 278 m ASL ⁵)														
London A														
Temperature	-6.0	-5.6	-0.7	6.6	12.3	18.2	20.5	19.7	15.7	9.9	3.1	-3.6	7.5	1
Degree Days	745.8	667.6	581.5	341.8	183.1	48.4	11.9	21.6	97.8	251.3	446.3	669.5	4,066.6	1
Bright Sunshine	69	96	128	170	233	243	274	253	177	153	73	61	1,930	2
Rainfall	31.2	27.7	46.2	70.9	74.7	81.0	81.3	73.4	78.7	72.1	57.4	42.7	737.3	1
Snowfall	49.0	40.9	26.9	7.6	0.5	-	-	-	-	2.3	26.7	47.2	201.1	1
Total precipitation	76.2	65.3	71.9	78.2	74.9	81.0	81.3	73.4	78.7	74.2	82.8	86.6	924.5	1
(Latitude 51 16 N Longitude 80 39 W Elevation 10.4 m ASL ⁵)														
Moosonee														
Temperature	-20.2	-18.1	-11.9	-2.3	5.4	11.8	15.5	14.4	10.0	4.7	-4.3	-15.3	-0.9	1
Degree Days	1,183.1	1,019.6	928.4	608.4	392.0	200.4	106.0	129.7	244.2	413.9	673.7	1,031.7	6,931.1	1
Bright Sunshine	77	108	142	165	189	192	233	201	119	86	43	49	1,604	2
Rainfall	1.8	1.5	6.4	19.3	58.9	87.1	90.4	84.1	82.8	58.7	22.1	5.3	518.4	1
Snowfall	46.2	43.9	37.6	23.4	11.7	0.8	-	-	0.3	13.2	52.8	46.5	276.4	1
Total precipitation	45.7	44.2	42.4	42.2	70.4	87.9	90.4	84.1	83.1	71.6	73.4	50.0	785.4	1
(Latitude 45 19 N Longitude 75 40 W Elevation 126 m ASL ⁵)														
Ottawa-International A														
Temperature	-10.9	-9.5	-3.1	5.6	12.4	18.2	20.7	19.3	14.6	8.7	1.4	-7.7	5.8	1
Degree Days	898.8	778.1	653.9	371.4	181.3	44.4	10.0	27.5	122.9	289.9	499.3	796.2	4,673.8	1
Bright Sunshine ⁶	96	115	150	175	231	245	277	243	171	138	76	78	1,995	1
Rainfall	14.0	11.2	25.9	58.4	68.8	72.6	81.3	81.5	78.7	63.8	56.6	28.7	641.5	1
Snowfall	48.5	47.8	35.1	7.9	0.8	-	-	-	Trace	1.8	22.4	51.6	215.9	1
Total precipitation	59.9	56.9	61.0	67.6	70.1	72.6	81.3	81.5	78.7	65.8	78.5	77.0	850.9	1
(Latitude 46 29 N Longitude 80 59 W Elevation 259 m ASL ⁵)														
Sudbury														
Temperature	-12.2	-10.3	-4.8	4.0	11.4	17.2	19.7	18.3	13.8	8.1	0.5	-7.7	4.8	4
Degree Days	981.7	859.5	752.4	451.9	255.4	86.5	33.0	58.9	176.1	348.1	571.9	870.9	5,446.3	4
Bright Sunshine ⁷	97	130	158	188	231	246	267	226	158	115	59	70	1,945	3
Rainfall	4.8	5.1	21.1	46.7	61.7	72.6	68.8	74.2	93.5	70.4	47.5	11.9	578.3	8
Snowfall	39.6	35.1	29.2	8.9	1.0	-	-	-	Trace	1.8	22.9	40.9	179.4	8
Total precipitation	44.5	40.1	50.3	55.6	62.7	72.6	68.8	74.2	93.5	72.1	70.4	52.8	757.6	8

Table 1.2 (cont'd)
 Mean Monthly Temperature, Degree Days¹, Precipitation and Number of Hours of Bright Sunshine², by
 Selected Centre, Ontario

Station and Element ³	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code ⁴
(Latitude 48 22 N Longitude 89 19 W Elevation 196 m ASL ⁵)														
Thunder Bay A														
Temperature	-14.8	-13.0	-6.2	2.4	8.3	13.8	17.5	16.5	11.3	6.1	-2.5	-10.8	2.4	2
Degree Days	1,016.8	876.5	749.4	469.3	301.0	130.8	46.5	70.8	203.9	370.5	616.1	892.6	5,744.2	2
Bright Sunshine	116	149	185	205	235	258	302	251	173	116	80	92	2,162	2
Rainfall	1.3	1.5	10.4	36.6	70.4	82.8	71.1	87.9	83.3	53.3	27.9	6.1	532.6	2
Snowfall	51.6	31.0	35.3	20.1	4.3	-	-	-	Trace	3.6	30.7	45.5	222.1	2
Total precipitation	48.0	30.2	43.7	56.4	74.7	82.8	71.1	87.9	83.6	56.9	57.2	46.0	738.5	2
(Latitude 48 34 N Longitude 81 22 W Elevation 294 m ASL ⁵)														
Timmins A														
Temperature	-16.9	-14.8	-8.6	1.3	8.7	14.7	17.4	15.7	10.9	5.4	-3.5	-13.1	1.4	8
Degree Days	1,089.6	944.4	823.8	502.1	298.5	123.8	63.4	98.0	224.5	395.5	646.9	977.1	6,187.6	4
Bright Sunshine ⁶	76	104	165	190	215	233	203	122	92	40	52	1,635	1	1
Rainfall	2.8	0.8	9.1	27.7	65.5	86.6	88.1	99.8	88.6	56.9	29.2	4.6	559.7	4
Snowfall	63.2	57.4	47.0	19.3	4.8	0.3	-	-	0.8	12.4	72.1	69.6	346.9	4
Total precipitation	55.4	49.5	49.5	45.7	69.9	86.9	88.1	99.8	89.4	68.3	90.4	63.0	855.9	4
(Latitude 43 41 N Longitude 79 38 W Elevation 176 m ASL ⁵)														
Toronto International A														
Temperature	-6.3	-5.8	-0.9	6.4	12.2	18.2	20.7	20.0	15.7	9.8	3.4	-3.5	7.5	1
Degree Days	693.8	620.3	552.5	350.1	211.5	54.6	9.5	12.0	75.0	231.4	402.3	615.1	3,828.1	8
Bright Sunshine	87	110	145	179	221	256	281	257	197	153	82	77	2,045	1
Rainfall	22.9	19.6	37.3	57.2	72.4	61.2	74.9	73.2	63.2	58.2	50.8	31.0	621.9	1
Snowfall	35.1	30.0	22.1	6.9	Trace	-	-	-	-	0.8	10.7	27.9	133.5	1
Total precipitation	55.6	49.5	59.9	64.5	72.6	61.2	74.9	73.2	63.2	58.7	61.0	57.7	752.0	1

¹ Degree Days = $\sum (18^{\circ}\text{C} - \text{average daily temperature})$, where negative values are omitted.

² Monthly long-term averages.

³ Units: temperature in deg C, rainfall in mm, snowfall in cm, total precipitation in mm, bright sunshine in hours.

⁴ Code numbers which indicates the number of years of records used to compute the means of temperature, precipitation and bright sunshine.

code = 1: 30 years between 1941 and 1970;

code = 2: 25 to 29 years between 1941 and 1970;

code = 3: 20 to 24 years between 1941 and 1970;

code = 4: 15 to 19 years between 1941 and 1970;

code = 5: less than 10 years between 1941 and 1970;

code = 6: adjusted.

⁵ ASL = above sea level.

⁶ Sunshine observations from Ottawa CDA.

⁷ Sunshine observations from North Bay Airport.

⁸ Sunshine observations from Kapuskasing CDA.

Source: Fisheries and Environment Canada, Atmospheric Environment, Degree Days 1941-1970.

Ministry of Natural Resources, Conservation Resource Branch

Table 1.3**Emissions and Discharges**Air Pollution Emissions by Sources¹, Hamilton and Metropolitan Toronto, 1976-1978.

Source Type		Sulphur Dioxide	Particulate Matter	Nitrogen Oxides	Carbon Monoxide	Hydro-Carbons
'000's of metric tonnes per year						
Hamilton						
Electric Generating Stations	1976	...	...	...	...	...
	1977	...	...	...	...	...
	1978	...	...	...	...	...
Municipal Incinerators	1976	...	...	...	...	...
	1977	...	...	...	...	...
	1978	...	...	...	...	...
Industrial Sources	1976	34.6	11.0	34.4	18.0	18.2
	1977	36.5	11.8	34.6	18.6	19.2
	1978	22.0	9.7	15.6	18.4	11.5
Motor Vehicles	1976	0.7	0.5	7.6	55.7	7.2
	1977	0.6	0.6	7.2	68.2	7.7
	1978	0.6	0.8	9.0	77.7	9.6
Other Transportation	1976	0.4	0.1	1.9	2.8	1.0
	1977	0.4	0.1	1.9	2.8	1.0
	1978	0.4	0.1	1.9	2.8	1.0
Heating	1976	5.9	1.1	3.0	0.3	0.2
	1977	4.3	0.8	2.0	0.2	0.1
	1978	4.3	0.8	2.0	0.2	0.1
Miscellaneous	1976	0.0	0.2	0.1	0.1	0.0
	1977	0.0	0.2	0.1	0.1	0.0
	1978	0.1	0.2	0.1	0.1	0.1
Total	1976	41.6	12.9	47.0	76.9	26.6
	1977	41.8	13.5	45.8	89.9	28.6
	1978	27.4	11.6	28.6	99.2	22.3

Table 1.3 (cont'd)**Emissions and Discharges**

**Air Pollution Emissions by Sources¹, Hamilton and Metropolitan
Toronto, 1976-1978**

Source Type		Sulphur Dioxide	Particulate Matter	Nitrogen Oxides	Carbon Monoxide	Hydro- Carbons
'000's of metric tonnes per year						
Metropolitan Toronto						
Electric	1976	90.4	1.3	20.6	1.3	0.3
Generating	1977	110.3	1.6	20.9	1.6	0.4
Stations	1978	92.9	1.5	16.6	1.5	0.1
Municipal	1976	0.2	3.9	0.4	1.0	0.1
Incinerators	1977	0.4	4.1	0.6	4.4	0.1
	1978	0.3	2.9	0.5	4.1	0.0
Industrial	1976	7.2	4.4	8.9	1.4	18.4
Sources	1977	15.5	5.4	10.8	1.8	26.9
	1978	29.3	5.8	11.8	1.7	32.1
Motor	1976	1.5	2.3	31.7	325.9	46.6
Vehicles	1977	0.8	3.1	28.7	356.0	45.4
	1978	1.2	4.4	42.0	444.6	61.8
Other	1976	0.7	1.2	1.7	1.3	5.4
Transportation	1977	0.7	0.7	2.6	3.7	2.2
	1978	0.7	0.8	2.6	3.7	2.2
Heating	1976	21.2	4.2	11.9	1.1	1.0
	1977	23.8	4.7	12.4	1.9	1.2
	1978	26.2	5.0	14.0	2.0	1.2
Miscellaneous	1976	0.1	0.6	0.4	0.7	0.3
	1977	0.1	0.7	0.4	0.7	0.3
	1978	0.1	0.7	0.4	0.4	0.3
Total	1976	121.2	17.9	75.6	332.8	72.1
	1977	151.6	20.3	76.4	370.1	76.5
	1978	150.7	21.1	87.9	458.3	97.7

¹ Includes only man-made, measurable sources.

Source: Ministry of the Environment, Air Resources Branch.

Table 1.4**Emissions and Discharges**

Hauled Industrial Waste, Liquids and Sludges, Quantities Generated by Category,
Ontario 1978 and 1980¹

	1978 ²	1980
	'000's litres	
Inorganic Wastes		
Acids	15,355.6	19,250.4
Alkalis	23,389.5	8,630.4
Metal Finishing Wastes	4,230.0	9,249.9
Cyanides	211.4	144.1
Chemical Fertilizer Wastes	. . .	2,594.8
Phosphates	421.4	1,358.4
Other Inorganics	. . .	29,475.1
Total	43,607.9	70,703.1
Organic Wastes		
Oily Water	101,660.5	71,467.1
Waste Oils	16,794.8	11,857.2
Organic Solvents	14,526.9	13,862.8
Chlorinated Solvents	. . .	611.9
Plastic Resins	9,618.7	6,743.1
Amines	1,320.2	1,413.7
Glycols	1,017.8	2,135.2
Phenols	29,443.1	2,291.3
PCB's	175.9	705.9
Other	161.0	16,932.9
Total	174,788.9	128,021.1
Organic and Inorganic Product Wastes		
Pigments, Paint, Printing and Adhesives	10,280.1	14,002.0
Pesticides	4,509.5	1,085.6
Detergents, Cleaners and Soaps	. . .	1,905.2
Pharmaceutical and Cosmetics	83.2	101.1
Plant and Animal Wastes	6,622.5	13,713.8
Inert Sludges	7,149.8	50,913.7
Unspecified	3,565.8	. . .
Total	32,210.9	81,721.4
Total	250,607.4	280,445.6

1) Year ending, March 31. 1979 not available.

2) Estimated.

Source: Ministry of the Environment, Waste Management Branch.

Table 1.5
Emissions and Discharges
Selected Point Source Discharges to Ontario Watersheds, 1978¹

Basin ^{2/} Discharge Source ³	Flow	Biological Oxygen Demand	Suspended Solids	Total Dissolved Solids	Phosphorus
	'000's Cubic metres/day		Kilograms/day		
St. Lawrence River	538.0	31,246.5	19,430.6	...	437.3
Cornwall					
Cornwall STP	53.0	7,860.0	3,980.0	...	218.0
Long Sault STP	0.9	21.0	11.0	...	2.5
Domtar Fine Papers Ltd.	131.0	14,300.0	11,900.0	...	65.0
Canadian Industries Ltd.	3.5	...	...	...	...
Courtaulds Canada Ltd.	41.0	3,100.0	...	...	...
Kingston					
Kingston STP	60.3	1,290.0	1,750.0	...	60.3
Kingston Township STP	9.4	217.0	132.0	...	9.0
Maitland					
Dupont of Canada Ltd.	173.0	3,450.0	...	...	...
Dupont-Tetra Ethyl Lead Plant	10.0	...	...	...	...
Genstar Chemicals Ltd.	1.8	...	...	...	1.2
Canada Starch Co. Ltd.	22.5	...	705.0	...	3.5
Lake Ontario					
Belleville Watersheds	113.1	4,200.5	2,251.1	...	99.07
Belleville					
Belleville STP	34.6	485.0	589.0	...	34.6
Trenton					
Domtar Packaging	2.2	1,950.0	200.0	...	3.8
Trenton STP	12.6	239.0	227.0	...	12.6
Trenton CFB STP	5.5	50.0	99.0	...	2.2
Trent System Watersheds	64.9	696.0	810.0	...	69.7
Peterborough					
Peterborough STP	43.7	480.0	436.0	...	48.0
Oshawa-Colborne Watersheds ⁴	79.7	2,577.0	3,907.0	...	190.4
Oshawa					
Oshawa Harmony Crk. STP	52.2	2,350.0	3,550.0	...	156.0
Toronto Watersheds ⁴	1,918.4	24,427.0	15,834.0	...	1,427.6
Metropolitan Toronto					
Anaconda Canada Ltd.	1.3	...	...	...	...
Toronto Humber STP	337.0	4,150.0	5,280.0	...	377.0
Toronto Main STP	763.0	13,740.0	1,800.0	...	567.0
North Toronto STP	40.0	461.0	280.0	...	24.0
Highland Creek STP	127.0	2,540.0	3,170.0	...	152.0
Mississauga					
Gulf Oil Ltd.	225.0	...	...	...	...
Clarkson STP	46.4	185.0	371.0	...	32.0
Lakeview STP	171.0	2,650.0	3,530.0	...	177.0
Hamilton Watersheds ⁴	2,299.7	19,462.0	74,060.0	...	865.6
Burlington					
Skyway STP	59.9	599.0	959.0	...	108.0
Drury Lane STP	6.8	74.0	94.0	...	6.3
Hamilton					
Dofasco	654.7	1,497.0	29,938.0	...	50.0
Stelco	1,245.0	6,804.0	29,257.0	...	91.0
Hamilton STP	237.0	9,010.0	12,800.0	...	498.0

Table 1.5 (cont'd)**Emissions and Discharges****Selected Point Source Discharges to Ontario Watersheds, 1978¹**

Basin ^{2/} Discharge Source ³	Flow	Biological Oxygen Demand	Suspended Solids	Total Dissolved Solids	Phosphorus
	'000's Cubic metres/day		Kilograms/day		
Oakville					
BP Canada Ltd.	4.5	...	...	...	...
Shell Canada Ltd.	4.5	...	...	...	...
Ford Motor Co. of Canada Ltd.	15.0	750.0	...	...	22.5
Southwest STP	31.5	315.0	504.0	...	44.0
Southeast STP	9.5	95.0	85.0	...	8.6
Ford Motor Co. STP	1.4	4.0	7.0	...	3.6
Niagara Peninsula Watersheds ⁴	624.6	41,561.1	38,784.6	...	310.8
Fort Erie					
Crystal Beach STP	3.8	45.0	83.0	...	4.9
Fleet Manufacturing Co. Ltd.	0.9	9.1	13.6	...	3.6
Hooker Chemical Ltd.	0.4	30.6	7.9	...	—
Fort Erie STP	11.3	382.0	484.0	...	20.2
Gould Manufacturing of Canada	0.6	0.2	1.5	...	1.5
Niagara Falls					
B.F. Goodrich Chemicals	0.8	22.4	12.8	...	0.2
Con Carborundum Co. Ltd.	15.9	22.9	238.5	...	0.8
Cyanamid Canada Ltd.	13.6	8.2	54.4	...	0.5
Ford Motor Co. of Canada	2.7	13.5	40.5	...	13.5
Holiday Farms Ltd.	0.5	57.5	16.5	...	0.5
Queenston Quarries Ltd.	7.3	4.4	109.0	...	0.7
Norton Co.	19.6	39.2	725.2	...	0.8
Niagara Falls Stanford STP	40.9	1,890.0	1,230.0	...	40.9
Niagara-on-the-Lake					
Niagara-on-the-Lake STP	3.1	49.0	101.0	...	8.0
St. Catharines					
Domtar Fine Papers	10.1	491.0	352.0	...	1.0
Kimberly Clark Ltd.	9.9	362.0	210.0	...	1.7
Ontario Paper	128.2	25,560.0	13,333.0	...	39.0
General Motors Ltd.	8.7	60.5	51.9	...	0.4
General Motors Ltd.	110.0	...	11,088.0	...	6.6
Port Dalhousie STP	32.9	263.0	460.0	...	30.0
Port Weller STP	35.1	245.0	526.0	...	25.0
St. Davids					
Canadian Cannery Ltd.	0.4	1.5	5.6	...	0.1
Thorold					
Abitibi Prov. Paper Co.	24.5	6,982.0	3,675.0	...	29.4
Beaver Wood Fibre Co.	19.1	3,438.0	1,450.0	...	2.9
Domtar Construction Mts. Ltd.	0.3	112.0	143.0	...	0.3
Exolon Co. Ltd.	9.1	16.4	273.0	...	3.6
Haynes Dana Ltd.	0.1	2.4	1.8	...	0.2
Welland					
Atlas Steel Co. Ltd.	36.4	109.2	2,002.0	...	4.4
Cyanamid Canada Ltd.	24.9	249.0	1,494.0	...	50.0
Stelco Page Hersey Works	10.5	21.0	31.5	...	0.8
Stelco Welland Tube Works	1.3	31.2	19.5	...	0.1

Table 1.5 (cont'd)**Emissions and Discharges****Selected Point Source Discharges to Ontario Watersheds, 1978¹**

Basin ^{2/} Discharge Source ³	Flow	Biological Oxygen Demand	Suspended Solids	Total Dissolved Solids	Phosphorus
	'000's Cubic metres/day		Kilograms/day		
Welland (cont'd)					
Union Carbide Canada Ltd.	6.2	9.3	62.0	...	0.3
Wabasso Ltd.	0.9	43.6	26.1	...	0.9
Welland STP	34.2	239.0	410.0	...	17.1
Vineland Station					
Ontario Cannery	0.5	750.0	52.5	...	1.0
Lake Erie and Lake St. Clair					
Grand River Watershed	175.2	2,152.3	2,560.0	...	166.5
Cambridge					
Silknet Dominion Woolen	2.7	53.1	16.8	...	0.1
Galt STP	22.5	225.0	292.0	...	18.0
Hespeler STP	4.5	95.0	131.0	...	3.1
Preston STP	7.7	84.0	199.0	...	6.1
Guelph					
Guelph STP	44.1	534.0	728.0	...	35.0
Kitchener-Waterloo					
Kitchener STP	59.8	599.0	539.0	...	72.0
Waterloo STP	26.1	470.0	527.0	...	23.5
Erie Shoreline Watersheds ⁴	666.2	5,859.3	8,426.8	762,500.0	286.5
Windsor					
Canadian Salt Co. Ltd.	17.0	...	...	34,800.0	0.3
Chrysler Canada Ltd.	10.0	63.0	67.0	...	8.0
Ford Motor Co. of Canada	179.0	...	1,145.0	5,700.0	2.0
Gulf & Western Co. Ltd.	1.2	...	25.0	...	10.5
Hitman Wallco & Sons	43.0	568.0	26.0	...	1.5
Windsor Little River STP	24.8	198.0	248.0	...	15.0
Windsor Westerly STP	96.0	2,890.0	2,120.0	...	77.0
Thames River Watershed	225.5	1,884.0	2,700.0	...	162.7
London					
London Adelaide STP	13.1	117.0	209.0	...	18.0
London Greenway STP	107.0	640.0	1,386.0	...	54.0
London Vauxhall STP	19.8	139.0	257.0	...	16.0
London Pottersburg STP	13.9	70.0	112.0	...	13.0
London Oxford STP	3.3	17.0	41.0	...	3.0
Sydenham River Watershed	2,633.9	1,612.6	10,470.0	58,266.0	187.2
Corunna					
Allied Chemicals Ltd.	18.0	...	...	...	1.0
Dupont of Canada Ltd.	48.7	...	...	...	48.7
Ethyl Corp.	49.0	...	...	...	49.0
Shell Co. of Canada	276.9	...	750.0	7,272.0	1.5
Corunna STP	1.4	11.0	14.0	...	5.0
Sarnia					
Sun Oil Ltd.	78.9	...	470.0	...	1.0
Dow Chemicals Ltd.	710.0	...	36.0	...	1.0
Polysap Ltd.	654.0	...	7,000.0	41,302.0	10.0
Imperial Oil Ltd.	195.2	...	950.0	6,472.0	1.0
Esso Chemicals Ltd.	10.4	...	80.0	3,220.0	1.0
Sarnia STP	36.9	1,513.0	1,030.0	...	31.7

Table 1.5 (cont'd)**Emissions and Discharges****Selected Point Source Discharges to Ontario Watersheds, 1978¹**

Basin/ Discharge Source ³	Flow	Biological Oxygen Demand	Suspended Solids	Total Dissolved Solids	Phosphorus
	'000's Cubic metres/day		Kilograms/day		
Lake Huron					
South Huron Watersheds	8,958.8	1,547.0	1,149.0	. . .	87.9
Goderich	6.3	57.0	32.0	. . .	16.0
Goderich STP	13.1	. . .	. . .	. . .	. . .
Domtar Chemicals Ltd.	91.2	2,147.9	1,823.0	. . .	151.4
Georgian Bay-Lake Simcoe	1,128.4	41,051.0	33,420.1	15,820.0	601.3
North Huron Watersheds					
Espanola	128.6	23,868.0	7,139.5	. . .	280.0
Eddy Forest Products					
Sault Ste. Marie	700.0	. . .	12,150.0	. . .	. . .
Algoma Steel Corp.	32.0	13,430.0	8,410.0	15,820.0	. . .
Abitibi Paper Co.	44.0	2,942.0	2,547.0	. . .	207.0
Sault Ste. Marie STP	843.3	259,548.7	62,715.1	984,182.0	685.3
Lake Superior					
Thunder Bay	72.0	4,320.0	4,320.0	. . .	250.0
Thunder Bay STP	140.0	72,900.0	10,100.0	200,000.0	92.0
Abitibi Paper Co.	1.9	2,200.0	350.0	1,700.0	20.0
Canada Malting Ltd.	—	0.3	0.8	. . .	—
Northern Wood Resources	228.0	100,000.0	24,000.0	434,000.0	150.0
Great Lakes Paper Co.	1.1	6,750.0	2,400.0	5,300.0	80.0
Industrial Grain	0.1	1.4	3.3	82.0	0.1
Reichhold Chemicals Ltd.					

1) Contaminants other than those shown are often discharged from industrial sources. Data on these can be found in the source documents.

2) Definitions of the watersheds or basins were developed by the Office of the Senior Advisor on Integration, Statistics Canada. See Table 1.1

3) Sewage Treatment Plants (STP) and Industrial Sources only.

4) These "watersheds" are designed to encompass major urban areas and may, in fact, consist of a number of small watersheds.

Source: Inventory of Major Municipal and Industrial Point Source Discharges in the Great Lakes Basin, July 1979, International Joint Commission, Great Lakes Water Quality Board.

Ontario Ministry of The Environment, Pollution Control Branch

Ontario Ministry of The Environment, Waste Management Branch

Table 1.6
Environmental Objectives
Ontario Ambient Air Quality Criteria

Name of Contaminant	Unit of Measurement	Period of time	Maximum Average Amount of Concentration Permitted
Carbon Monoxide (CM)	Parts of carbon monoxide per one million parts of air by volume	1 hr.	30
		8 hrs.	13
		24 hrs.	... ¹
		annual	... ¹
Nitrogen Dioxide (NO ₂)	Parts of nitrogen dioxide per one million parts of air by volume	1 hr.	0.20
		8 hrs.	... ¹
		24 hrs.	0.10
		annual	... ¹
Ozone (O ₃)	Parts of ozone per one million parts of air by volume	1 hr.	0.08
		8 hrs.	... ¹
		24 hrs.	... ¹
		annual	... ¹
Soiling Index (SI)	Coefficient of Haze per 1000 feet of air	1 hr.	... ¹
		8 hrs.	... ¹
		24 hrs.	1.0
		annual	0.5
Sulphur Dioxide (SO ₂)	Parts of sulphur dioxide per one million parts of air by volume	1 hr.	0.25
		8 hrs.	... ¹
		24 hrs.	0.10
		annual	0.02
Total Suspended Particulate (TSP)	Micrograms of suspended particulate matter per cubic metre of air	1 hr.	... ¹
		8 hrs.	... ¹
		24 hrs.	120
		annual	60 (geometric mean)

¹⁾ No criteria have been established for these dose periods.

Source: Ontario Regulation 872/74, *The Environmental Protection Act*, 1971.

Table 1.7
Ambient Quality Conditions
Solid and Industrial Waste Disposal Sites and Collection Systems Under the Ontario Certificate of Approval Program¹, 1976-1979

Waste Disposal Sites	1976			1977			1978			1979		
	New Sites Approved	Sites Closed	Sites Active as of Dec. 31	New Sites Approved	Sites Closed	Sites Active as of Dec. 31	New Sites Approved	Sites Closed	Sites Active as of Dec. 31	New Sites Approved	Sites Closed	Sites Active as of Dec. 31
Municipal, Private, and Industrial Waste Disposal Sites	75	30	1,574	72	49	1,529	75	30	1,574	79	57	1,596
Sites Receiving Processed Organic Waste (treated sewage sludge)	140	35	290	125	47	185	140	35	290	125	33	382
Sites Receiving Derelict Motor Vehicles	33	2	405	24	4	374	33	2	405	13	—	418

Table 1.7 (cont'd)

Collection Systems	1976			1977			1978			1979		
	New Systems Approved	Systems Closed	Systems Active as of Dec. 31	New Systems Approved	Systems Closed	Systems Active as of Dec. 31	New Systems Approved	Systems Closed	Systems Active as of Dec. 31	New Systems Approved	Systems Closed	Systems Active as of Dec. 31
Municipal, Private, and Industrial Waste Haulers	68	29	1,058	76	88	1,019	68	29	1,058	104	71	1,091
Haulers who carry Processed Organic Waste (Treated sewage sludge)	35	10	82	35	18	57	35	10	82	17	7	92

¹⁾ All disposal sites and collection systems must have Certificates of Approval to be active. A number of sites were in operation prior to this program. Many of these were never issued Certificates of Approval and have been closed.

Source: Ministry of the Environment, Administrative Support Section, Environmental Approvals Branch.

Table 1.8

Ambient Quality Conditions
Ontario's Air Pollution Index¹, 1970–1979.

Year	City	Date Index Started or Closed	Number of Occasions		Maximum Recorded ⁴	Date of Maximum
			API = 32 ² or more	API = 50 ³ or more		
1970	Toronto	Mar. 23	17	2	56	Oct. 8
	Hamilton	Jun. 15	2	1	56	Oct. 8
1971	Toronto		19	1	52	Apr. 13
	Hamilton		23	–	48	Oct. 21
	Sudbury	Jan. 16	26	3	87	Dec. 11
	Windsor	Mar. 19	2	–	33	Nov. 10
	Happy Valley	May 13	20	7	64	Nov. 21
1972	Toronto		2	–	45	Feb. 13
	Hamilton		6	–	41	Feb. 13
	Sudbury		7	1	79	June 12
	Windsor		9	1	53	Jan. 29
	Happy Valley		20	11	139	Mar. 23
1973	Toronto		3	–	43	Oct. 24
	Hamilton		2	–	34	Feb. 14
	Sudbury		–	–	26	Mar. 14
	Windsor		7	–	44	Feb. 19
	Happy Valley		19	10	94	Aug. 21
1974	Toronto		3	1	50	Oct. 29
	Hamilton		11	–	44	Oct. 29
	Sudbury		1	–	32	July 13
	Windsor		2	–	41	Jan. 7
	Happy Valley		24	13	116	Apr. 23
	Welland	Jan. 1	46	15	77	Oct. 6
	Niagara Falls	Nov. 1	–	–	20	Nov. 9
1975	Happy Valley	(closed Jan.)				
	Toronto		2	1	62	Nov. 20
	Hamilton		10	–	38	Oct. 24
	Sudbury		–	–	30	Feb. 1
	Windsor		–	–	28	Feb. 11
	Welland		–	–	23	Jan. 24
	Niagara Falls		–	–	21	Nov. 24
1976	Coniston	Feb. 18	–	–	30	May 13
	Toronto		1	–	33	Oct. 3
	Hamilton		8	–	41	Dec. 16
	Sudbury		–	–	28	June 6
	Windsor		1	–	34	Dec. 16
	Welland		–	–	24	Dec. 16
	Niagara Falls		–	–	25	Feb. 21
	Coniston		–	–	29	Sept. 16
	New Sudbury	Mar. 1	–	–	29	Apr. 2, 3 June 20

Table 1.8 (cont'd)
 Ambient Quality Conditions
 Ontario's Air Pollution Index,¹ 1970-1979.

Year	City	Date Index Started or Closed	Number of Occasions		Maximum Recorded ⁴	Date of Maximum
			API = 32 ² or more	API = 50 ³ or more		
1977	Toronto		4	-	36	Jan. 15
	Hamilton		10	-	44	Mar. 12
	Sudbury		-	-	24	June 11
	Windsor (12008) ⁵		1	-	33	Apr. 19
	Windsor (12016) ⁵		-	-	29	Apr. 19
	Welland		-	-	22	Jan. 24
	Niagara Falls		-	-	28	Feb. 21
	Coniston		-	-	25	Apr. 25
	New Sudbury		1	-	39	June 11
	Sarnia	Dec. 1	-	-	15	Dec. 13
1978	Toronto		1	-	45	Nov. 5
	Hamilton		7	-	43	Nov. 4
	Sudbury		-	-	31	Jan. 22
	Windsor (12008) ⁵		1	-	33	Apr. 19
	Windsor (12016) ⁵		-	-	28	Feb. 18
	Welland	(closed Oct.)	-	-	24	Mar. 15
	Niagara Falls		-	-	23	Nov. 4
	Coniston		3	-	34	Feb. 7
	New Sudbury		1	-	42	Feb. 2
	Sarnia		3	-	41	Jan. 24
1979	Toronto		2	-	35	Oct. 18
	Hamilton		23	1	55	Dec. 22
	Sudbury		-	-	18	July 7
	Windsor (12008) ⁵		-	-	31	Feb. 20
	Windsor (12016) ⁵		-	-	27	Feb. 21
	Niagara Falls		-	-	27	Feb. 21
	Coniston		-	-	31	Feb. 14
	New Sudbury		-	-	28	Feb. 14
	Sarnia		2	-	43	Feb. 20
	St. Catharines		-	-	29	Nov. 6

1) The Air Pollution Index (API) is a value that is derived from an equation. The equation specifies the API value as a function of the 24-hour average concentrations of sulfur dioxide and the Coefficient of Haze (a measure of suspended particulate matter). See "Fact Sheet" "About Ontario's Air Pollution Index", No. AFS-6/78, by the Ontario Ministry of the Environment. Available from the Information Services Branch.

2) API = 32 is the "Advisory Level". At this level and if weather conditions are expected to remain adverse for at least 6 more hours, owners of significant sources of pollution in the community may be *advised* to curtail operations.

3) API = 50 is the "First Alert" level. At this level and if weather conditions are expected to remain adverse for at least 6 more hours, owners of major pollution sources may be *ordered* to curtail operations.

4) API No. 75 is the "Second Alert" level. Further curtailments of other pollution sources may be *ordered* to stop operations.

API = 100 is the "Air Pollution Episode Threshold Level". If weather conditions are expected to maintain this level for 6 or more hours, owners of all pollution sources not essential to public health or safety will be *ordered* to cease operations.

5) Denotes specific air quality sampling station.

Source: Ministry of the Environment, Air Resources Branch.

Table 1.3
 Ambient Quality Conditions
 Number of Times Ambient Air Quality Criteria were Exceeded, 1972-1979

City	Pollutant	1972				1973				1974				1975				1976				1977				1978				1979			
		Hours				Hours				Hours				Hours				Hours				Hours				Hours				Hours			
		1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr
Hamilton	Sulphur Dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Soiling Index	24	1	-	-	14	-	-	-	27	1	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Monoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Suspended Particulate	203	1	-	203	1	-	158	1	-	158	1	111	1	-	117	1	-	107	-	-	-	-	-	-	84	1	-	-	-	-	-	-
	Total Oxidants (1970-72)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	and Ozone (1973-78)	10	-	-	-	-	-	37	-	-	-	-	317	-	-	95	-	-	15	-	-	71	-	-	-	-	-	-	-	32	-	-	-
	Nitrogen Dioxide	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Ottawa	Sulphur Dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Soiling Index	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Monoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Suspended Particulate	11	1	-	9	1	-	7	1	-	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Oxidants (1970-72)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	and Ozone (1973-78)	-	-	-	-	-	-	5	-	-	5	-	85	-	-	10	-	-	17	-	-	66	-	-	-	-	-	-	-	8	-	-	-
	Nitrogen Dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Samia	Sulphur Dioxide	18	5	-	12	1	-	29	4	1	5	3	1	5	3	1	6	3	1	5	3	1	17	5	-	5	1	-	-	-	-	-	-
	Soiling Index	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Monoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Suspended Particulate	114	1	-	138	1	-	74	1	-	74	1	39	1	-	59	1	-	14	-	-	12	1	-	-	-	-	-	-	-	-	-	-
	Total Oxidants (1970-72)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	and Ozone (1973-78)	47	-	-	-	-	-	80	-	-	-	-	132	-	-	56	-	-	87	-	-	51	-	-	-	-	-	-	-	130	-	-	-
	Nitrogen Dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

City	Pollutant	1972			1973			1974			1975			1976			1977			1978			1979		
		Hours			Hours			Hours			Hours			Hours			Hours			Hours					
		1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr			
Sudbury	Sulphur Dioxide	164	...	16	1	42	...	2	...	7	1	52	...	7	1	47	...	25	...	22	...	1	...	7	
	Solling Index	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Carbon	-	-	...	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...
	Monoxide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total Suspended Particulate	...	...	5	-	...	...	4	-	...	1	-	...	-	...	-	...	-	...	-	...	1	-
City of Toronto	Total Oxidants (1970-72)	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	18	...	44	...	...	23
	and Ozone (1973-78)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nitrogen Dioxide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		
		
City of Toronto	Sulphur Dioxide	7	...	4	1	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	
	Solling Index	...	...	4	-	...	...	6	-	...	4	-	...	8	-	...	2	-	...	7	-	...	3
	Carbon	-	-	...	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...
	Monoxide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total Suspended Particulate	...	...	78	1	...	...	117	1	...	68	1	...	36	1	...	36	1	...	37	...	38	1
City of Toronto	Total Oxidants (1970-72)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	and Ozone (1973-78)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nitrogen Dioxide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		
		
Windor	Sulphur Dioxide	64	...	13	1	31	...	8	1	21	...	6	1	2	...	2	1	5	...	1	1	-	...	-	
	Solling Index	...	...	12	1	...	...	9	-	...	4	-	...	5	-	...	6	-	...	8	...	11	1
	Carbon	-	-	...	...	...	...	...	...	-	2	...	...	-	3	...	-	...	-	...	-	...	-
	Monoxide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total Suspended Particulate	66	1	63	1	...	54	1	17	1	...	20	1	...	13	...	6	1	
City of Toronto	Total Oxidants (1970-72)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	and Ozone (1973-78)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nitrogen Dioxide	8	...	...	...	-	...	...	...	59	...	...	...	169	...	209	...	258	...	201	...	...	62
		
		

Table 1.10**Environmental Effects****Results of MOE-MNR Sport Fish Contaminant Testing Program¹, 1976-1979**

	1976	1977	1978	1979
Cumulative Number of Fish Tested	· ·	31,000	43,000	54,000
Total Number of Inland Waterbodies Tested				
Northern Ontario	93	24	366	522
Southern Ontario	51	137	177	245
Total Number of Locations Tested on Great Lakes	23	63	82	114

Summary of Results

Number of locations where one or more species tested were suitable for unrestricted consumption

Northern Ontario	83	219	344	480
Southern Ontario	44	127	167	232
Great Lakes	22	58	77	114

Number of locations where no sizes of any species tested were suitable for unrestricted consumption

Northern Ontario	10	21	20	40
Southern Ontario	7	10	10	13
Great Lakes	1	5	5	7

Number of locations where no fish of any species were found to be suitable for consumption

Northern Ontario	-	1	2	2
Southern Ontario	-	-	-	-
Great Lakes	-	-	-	-

¹⁾ As part of a co-operative program of the two Ministries, game fish from selected waterbodies are analysed for mercury, PCB, mirex, DDT and a range of organo-chlorine pesticides. Results are reported monthly by Environmental Health Bulletins and annually by the issuing of detailed bilingual Guides to Eating Ontario Sport Fish.

Sources: Ontario Government, *Health Implications of Contaminants in Fish*, 1977, Toronto.

Ontario Government, *Guide to Eating Ontario Sport Fish*, 1973, 3 Vols. (Ministries of the Environment and Natural Resources, 1978, 1979 and 1980).

Table 1.11

Pollution Abatement and Environmental Protection Activities
Sewage Treatment Plants in Ontario, 1975-1979

Year	Total Treatment Works		Primary Treatment		Secondary Treatment	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
'000's of cubic metres/day						
1975	310	4,372.5	44	1,015.7	155	3,221.0
1976	337	4,692.5	39	958.2	169	3,576.0
1977	340	4,938.9	39	1,061.3	168	3,701.7
1978	351	4,981.1	39	1,063.3	172	3,726.9
1979 ¹	360	5,016.9	39	1,076.0	175	3,742.7

Table 1.11 (cont'd)

Year	Lagoons, Aerated Cells & Oxidation Ditches		Ministry of the Environment Operated Plants		Municipally Operated Plants	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
'000's of cubic metres/day						
1975	111	135.9	181	1,215.1	129	3,157.3
1976	129	158.8	196	1,294.2	141	3,398.8
1977	133	175.9	201	1,374.3	139	3,564.7
1978	140	191.0	208	1,304.8	143	3,676.3
1979 ¹	146	198.2	213	..	147	..

¹⁾ Estimated

Source: Ministry of the Environment, *Water and Sewage Treatment Works in Ontario*, (annual), Toronto, Pollution Control Branch.

Table 1.12

Pollution Abatement and Environmental Protection Activities
Water Supply Treatment Plants in Ontario, 1975-1979

Year	Plants Obtaining Water from Ground Water Sources			
	No Treatment ¹		Physical and/or Chemical Treatment	
	Number	Design Capacity	Number	Design Capacity
'000's of cubic metres/day				
1975	158	657.9	49	454.7
1976	153	705.4	65	525.2
1977	153	688.3	67	519.6
1978	154	731.0	65	517.0
1979 ²	154	731.8	67	520.6

Table 1.12 (cont'd)

Year	Plants Obtaining Water from Surface Water Sources			
	No Treatment ¹		Physical and/or Chemical Treatment	
	Number	Design Capacity	Number	Design Capacity
'000's of cubic metres/day				
1975	75	818.1	119	5,799.0
1976	74	1,052.6	118	6,180.8
1977	74	999.7	126	6,344.2
1978	73	969.2	135	6,665.0
1979 ²	73	969.2	135	7,028.8

Table 1.12 (cont'd)

	Ministry of Environment Operated Works		Municipally Operated Works	
Year	Number	Design Capacity	Number	Design Capacity
	'000's of cubic metres/day			
1975	78	931.8	323	6,797.8
1976	74	1,098.4	336	7,365.6
1977	80	1,129.1	340	7,422.7
1978	87	1,417.3	340	7,464.9
1979 ²	89	. .	340	. .

1) No Treatment except disinfection with chlorine.

2) Estimated

Source: Ministry of the Environment, *Water Sewage Treatment Works in Ontario (Annual)*, Pollution Control Branch.

Table 1.13**Pollution Abatement and Environmental Protection Activities**

Ministerial Orders and Program Approvals Issued to Municipalities, Companies and Individuals Under Authority of the Ontario Water Resources Act and the Ontario Environmental Protection Act (1971), 1976-1979

Year	MOE Region ³	Number of New Orders Issued ¹			Number of Orders Amended or Extended			Total of New & Previously Existing Orders			Number of Orders with Final Deadline in Year ²		
		CO ⁴	R&D ⁵	PA ⁶	CO	R&D	PA	CO	R&D	PA	CO	R&D	PA
1976	W.C.	-	-	-	1	-	-	1	-	-	-	-	-
	S.E.	3	1	-	1	-	-	5	1	-	-	-	-
	C.	2	1	1	-	-	1	5	2	-	1	-	-
	S.W.	-	-	-	1	-	-	1	-	-	-	-	-
	N.E.	-	-	-	-	-	-	4	-	-	-	-	-
	N.W.	-	-	1	-	-	-	2	-	4	-	-	-
	Total	5	2	2	3	-	1	18	3	4	1	-	-
1977	W.C.	4	1	3	1	-	-	7	1	3	1	-	-
	S.E.	4	-	-	-	-	-	5	1	-	2	1	-
	C.	5	1	3	-	-	1	4	1	7	-	-	-
	S.W.	-	-	-	-	-	-	1	-	-	-	-	-
	N.E.	8	2	-	1	-	-	11	2	-	-	-	-
	N.W.	3	2	-	2	-	2	5	2	4	-	-	-
	Total	24	6	6	4	-	3	33	7	14	3	1	-
1978	W.C.	2	-	3	2	-	-	9	1	6	1	-	2
	S.E.	2	-	-	-	-	-	7	-	-	1	-	-
	C.	6	2	-	-	1	-	7	2	3	-	2	3
	S.W.	2	2	3	1	-	-	1	2	3	-	1	1
	N.E.	7	3	-	2	-	-	12	4	-	2	1	-
	N.W.	1	-	-	-	-	-	6	2	4	1	-	3
	Total	20	7	6	5	1	-	42	11	16	5	4	9
1979	W.C.	7	-	-	6	-	1	11	1	4	5	-	1
	S.E.	7	1	-	2	-	-	16	3	-	3	1	-
	C.	13	1	-	4	-	1	17	2	3	8	1	-
	S.W.	4	-	-	-	-	-	8	2	1	3	-	-
	N.E.	27	1	-	1	1	-	32	4	-	11	1	-
	N.W.	8	-	-	3	1	-	12	2	-	3	-	-
	Total	66	3	-	16	2	2	96	14	8	33	3	1

1) More detailed breakdown of the various ministerial orders may be obtained from the Division of Regional Operations and Laboratories of the Ontario Ministry of the Environment.

2) Control Orders and other Ministerial Orders often have a number of different deadline dates for individual components of the programs. The number of orders that are supposed to terminate in each part year are listed. This does not necessarily mean that abatement programs have been completed. Refer to MOE regional offices for status of actual orders.

3) W.C. = West Central Region;
S.E. = Southeastern Region;
C. = Central Region;
S.W. = Southwestern Region;
N.E. = Northeastern Region;
N.W. = Northwestern Region.

4) CO = Control Order, Sect.6, Part IX, Ontario Environmental Protection Act, 1971. Orders under Sect. 60 also included

5) R&D = Requirement and Direction, Sect.69, Ontario Water Resources Act

6) PA = Program Approval, Sect.10, Ontario Environmental Protection Act, 1971

Source: Ministry of the Environment, Regional Operations and Laboratories Division.

Table 1.14

Pollution Abatement and Environmental Protection Activities
Prosecutions by the Ontario Ministry of the Environment, 1977-78 to 1979-80

Year	Prosecutions before the Courts during the Fiscal Year				Disposition of Cases During Fiscal Year				Highest Fine
	Under the Environmental Protection Act	Under the Ontario Water Resources Act	Under the Pesticides Act	Total	Convictions	Acquittals & Dismissals	Charges Withdrawn	Other ¹	
1977-78	43	17	9	69	41	4	3	21	\$14,400. - York Sanitation (12 charges)
1978-79	55	9	7	71	32	4	2	33	\$26,500. - York Sanitation (42 charges)
1979-80	77	18	10	105	46 (2 under appeal)	11 (3 under appeal)	2	46	\$6,000. - Refluent Investments (5 charges)

¹⁾ Includes cases appealed by accused and cases appealed by the Ministry. Also includes stays of proceedings, trials which have not yet concluded and cases which have not yet come to trial but charges have been laid.

Source: Ministry of the Environment, Legal Services Branch
 (For further details on individual cases, see the 'Prosecution Activity' file in the Legal Services Branch.)

Table 1.15
Pollution Abatement and Environmental Protection Activities
Estimated Capital Costs of Pollution Control Facilities for Industrial Sectors, Ontario¹, 1967-1979.

Year	Basic Iron & Steel	Chemicals	Food	Metal Working Plating & Finishing	Mining & Metallurgy	Petroleum & Petro chemicals	Pulp and Paper	Service Industry	Miscellaneous Manufacturing ²	Total Approvals
	\$'000's									
1967	1,469	1,112	219	-	2,064	813	778	-	4,372	10,827
1968	173	1,161	1,011	-	1,400	-	1,006	72	477	5,300
1969	531	2,276	1,960	-	958	-	5,686	273	3,397	15,080
1970	25	2,059	716	673	1,872	1,177	6,502	10,315	2,086	25,515
1971	12,983	3,837	824	528	13,301	2,084	6,519	2,043	785	42,904
1972	2,230	3,861	1,808	88	3,071	4,671	13,372	431	2,662	32,824
1973	3,804	867	41	101	37,101	3,489	5,323	559	1,267	52,558
1974	5,750	2,013	20	55	2,144	5,373	5,952	960	285	22,552
1975	4,849	11,941	223	256	5,812	6,025	3,434	693	633	31,136
1976	5,182	1,665	646	937	253	24,577	4,529	6,802	18	44,609
1977	350	9,010	980	43	2,386	10,742	16,537	1,140	44	41,231
1978										
Air	4,803	5,254	12,086	1,243	31,776	3,582	7,046	771	6,578	73,139
Water	5,420	17,090	122	75	10,941	60	3,578	2,058	2,936	42,279
1979										
Air	813	2,138	2,633	891	4,557	6	1,409	3	13,441	25,888
Water	15,435	3,292	1,724	2,581	1,242	462	43,924	2,317	569	71,546

¹ 1967-1979 estimates are for water pollution control expenditures only. These are cost estimates provided by proponents on their applications for Certificates for approval.

Only cost estimates for pollution abatement facilities have been extracted for this compilation.

Proponents are not obliged to supply cost estimates and, in some cases, these data are omitted. Consequently, these figures represent the order of magnitude of private capital expenditure for pollution abatement but likely understate the actual amounts.

² Includes farming and Rendering.

³ Included in Miscellaneous Manufacturing.

Source: Ministry of the Environment, Applications for Certificates of Approval, Industrial Approvals Section, Environment Approvals Branch

Table 1.16
Pollution Abatement and Environmental Protection Activities
Expenditures by the Public Sector in Ontario, 1974-75 to 1978-79¹

	1974-75	1975-76	1976-77	1977-78	1978-79
Capital Expenditures			\$ '000's		
Capital Construction—Water Sewage and Drainage Facilities					
Water Mains, Hydrants, Services	105,070	113,103	120,911	140,670	139,250
Water Treatment, Pumping Stations, Storage Tanks	19,821	29,376	46,615	53,687	50,116
Tile Drains, Drainage Ditches, Storm Sewers	101,229	117,835	125,558	151,065	125,011
Sewage Systems, Treatment Plants, Connections	230,028	258,427	270,014	245,480	229,335
Total	456,148	518,741	563,098	590,902	543,712
Capital Construction — Resource Recovery Plant	—	5,168	7,024	2,804	1,858
Total	456,148	523,909	570,122	593,706	545,570
Direct Operation and Maintenance Expenditures by the Public Sector for Water, Sewage and Solid Wastes Systems	406,448	523,871	557,223	567,373	664,174
Expenditures for Environmental Protection Programs by the Provincial Government	34,068	40,142	44,503	51,231	53,468
Total	896,666	1,087,922	1,171,848	1,213,310	1,263,212

¹ Fiscal year is April 1 to March 31. Capital Construction data are published on a calendar year basis. However, most of the construction actually takes place after March. Therefore, fiscal year 1974/75 is equivalent to calendar year 1974 and so on.

Sources: S.C., *Construction in Canada*, (64-201)

S.C., *Local Government Finance, Revenue and Expenditure Assets and Liabilities, Actual*, (68-204).
Public Accounts of Ontario

Table 1.17
Pollution Abatement and Environmental Protection Activities
Ontario Ministry of the Environment Expenditure Composition, 1974-75 to 1979-80¹

	1974-75		1975-76		1976-77		1977-78		1978-79		1979-80	
	'000's	Per Cent of Total	'000's	Per Cent of Total	'000's	Per Cent of Total	'000's	Per Cent of Total	'000's	Per Cent of Total	'000's	Per Cent of Total
Direct Capital Expenditures or Disbursements	128,361	69.3	160,106	67.2	153,000	62.4	137,876	54.9	149,094	54.7	139,539	50.2
Capital Related Transfer Payments	7,665	4.1	17,417	7.3	22,671	9.3	29,730	11.8	33,805	12.4	38,473	13.9
Direct Operation and Maintenance of Ministry Owned Plants	15,078	8.2	20,546	8.6	24,870	10.1	32,272	12.9	36,219	13.3	41,150	14.8
Environmental Protection Programs	34,068	18.4	40,142	16.9	44,503	18.2	51,231	20.4	53,468	19.6	58,658	21.1
General Administration	6,283		5,214		6,281		6,500		6,551		7,646	
Assessment and Planning	13,564		14,832		17,232		19,559		19,801		22,166	
Monitoring and Control	13,777		19,780		20,731		22,615		23,837		25,600	
Research —												
Provincial Lottery Funds	-		-		-		708		1,911		2,628	
Other Charges & Expenditures	444		316		259		1,849		1,368		618	
Total M.O.E. Expenditure	185,172	100.0	238,211	100.0	245,044	100.0	251,109	100.0	272,586	100.0	277,820	100.0
Total Provincial Expenditure	8,821,609		10,632,241		12,945,053		14,203,405		15,407,698		...	
M.O.E. as a Per Cent of Provincial Expenditures		2.1		2.2		1.9		1.8		1.8		...

¹ Fiscal Year is the period April 1st to March 31st.

Source: Public Accounts of Ontario

Population

Highlights

- **Population of Canada and Ontario** – In 1979 Canada's population stood at an estimated 23.7 million, a 9.8 per cent increase over the 1971 Census population of 21.6 million. Ontario's 1979 population of 8.5 million represented 35.9 per cent of Canada's population and was an increase of 10.3 per cent over the 1971 Census population of 7.7 million. In 1979, 50.3 per cent of Canada's population was female, as compared to 50.6 per cent female in Ontario. In 1979, 57.4 per cent of the Ontario population was under the age of 30; the corresponding figure in 1956 was 50.8 per cent. 1976 population data reveal that 44.8 per cent of Ontario's population were never married, while 49.0 per cent were married.

There were 1.6 million persons aged 0–14 years in 1956 and 2.2 million persons in 1966, a 36.2 per cent increase. One of the highest levels reached for this age group was in 1968 with 2.2 million persons. This was followed by a drop of 12.1 per cent to the 1979 level of 2.0 million. Every other age group has demonstrated an increase through the 1971 to 1979 period: the group aged 15–24 has grown 17.9 per cent to 1.6 million; those aged 25–44 have grown 21.1 per cent to 2.4 million; the group aged 45–64 has increased 15.7 per cent to 1.7 million and the age group of 65 and over has shown a 26.2 per cent increase to 813,100 persons.

The major religious denomination in Ontario in 1971 was Roman Catholic with 33.4 per cent of the population; next came United with 21.8 per cent of the population; and then Anglican with 15.8 per cent.

- **Census Metropolitan Areas** – The population of Toronto, Ottawa-Hull and Hamilton increased by 9.8 per cent, 17.1 per cent and 6.6 per cent respectively between 1971 and 1978. In 1951, 44.6 per cent of Toronto's population was located in the suburban portion; by 1976 this figure had increased to 77.4 per cent, representing an increase of 73.5 per cent. During the same period, the suburban portion of Ottawa-Hull increased from 35.2 per cent to 56.1 per cent, an increase of 59.4 per cent. Hamilton increased from 20.2 per cent to 41.1 per cent, an increase of 103.5 per cent for the same period.
- **Urban and Rural Population Distribution** – The percentage of Ontario's population living in urban areas in 1951 was 73.4 per cent; by 1976 this had risen to 81.2 per cent. 75.4 per cent of Ontario's 1971 urban population were Canadian-born compared with 89.2 per cent of the 1971 rural population. In 1971, of the 1.7 million Ontario residents born in foreign countries, 91.5 per cent lived in urban areas. Of the total residents in Ontario in 1971, 6.7 per cent came from the United Kingdom, 3.3 per cent from Italy, 1.3 per cent from Germany, and 1.3 per cent from the United States.
- **Registered Indian Population** – Ontario had 65,966 registered Indians in 1978 of whom 50.1 per cent were male. The increase in total registered Indians in Ontario from 1972 to 1978 was 14.2 per cent. In 1978 the majority of registered Indians in Ontario, 64.4 per cent, lived on reserves; 32.8 per cent lived away from reserves; and 2.9 per cent lived on crown lands.

Definitions

All figures for population are estimates, except those of the Census. Estimates for population are based on census year figures. For example, estimates after 1971 are based on the 1971 census population tabulations with births and immigrants added and deaths and emigrants deducted.

Language, Official – Refers to the ability to carry on a conversation of some length on various topics in either of the official languages of Canada (English and French).

Language Most Often Spoken at Home – Refers to the language spoken most frequently by the person in his home.

Mother Tongue – Refers to the first language learned that is still understood. Infants who have not yet learned to speak are considered to have as mother tongue the language most often spoken in the home.

Population (Canadian Residents) — Refers to the total number of persons whose usual place of residence at the census date (i.e., midnight between May 31 and June 1, of the particular Census year) was somewhere in Canada, including Canadian government employees and their families stationed abroad, members of Canadian Armed Forces and their families, stationed abroad and crews of Canadian merchant vessels. Not included are government representatives of other countries and their families attached to the legation, embassy, or other diplomatic body of that country, members of the Armed Forces of other countries stationed in Canada and members of their families who are not citizens of Canada, students attending school in Canada whose usual residence is outside Canada, and residents of another country visiting in Canada temporarily.

Population, Farm — All persons living in a dwelling situated on a census-farm (as defined in the census) were considered to be farm population, regardless of their occupation. In the case of institutions located on a census-farm, only the manager, hired agricultural workers and members of their households were included with this population. Persons living on census-farms that were located in cities, towns and villages were included with the census-farm population of the adjoining rural subdivision.

Population, Rural Farm — All persons living in dwellings situated on census-farms in rural areas. The rural farm population includes persons living on census-farms who are not connected with the farming operations and who derive their income from non-agricultural pursuits. Conversely, farm operators and their families who live elsewhere than on a census-farm are not included. A census-farm is any holding of one acre (0.405 hectare) or more with sales of agricultural products during the past 12 months of \$1,200 or more.

Population, Rural Non-Farm — All persons living in rural localities in dwellings other than those situated on census-farms.

Population, Urban — The urban population includes all persons living in an area having a population concentration of 1,000 or over and a population density of 1,000 or more per square mile (386 per square kilometre).

Religion (religious denomination) — Refers to the specific religious body, denomination, sect or community reported in answer to the question "What is your religion?".

Respondents were asked to give a specific denomination, even if they did not attend a place of worship, although provision was made for marking "No religion" if the person considered this to be the appropriate answer. For infants and young children, the religion in which they were being raised was reported. Census figures do not measure church membership nor do they indicate the degree of affiliation with any religious body.

Rounding Methodology — For tabulations derived from the 1971 and 1976 Census of Population the random rounding technique was utilized. Every number in the 1971 and 1976 tabulation is a multiple of five, or all numbers in the table have as their final digit either 5 or 0. The technique provides strong protection against direct, residual or negative disclosures without adding significant error to the census data.

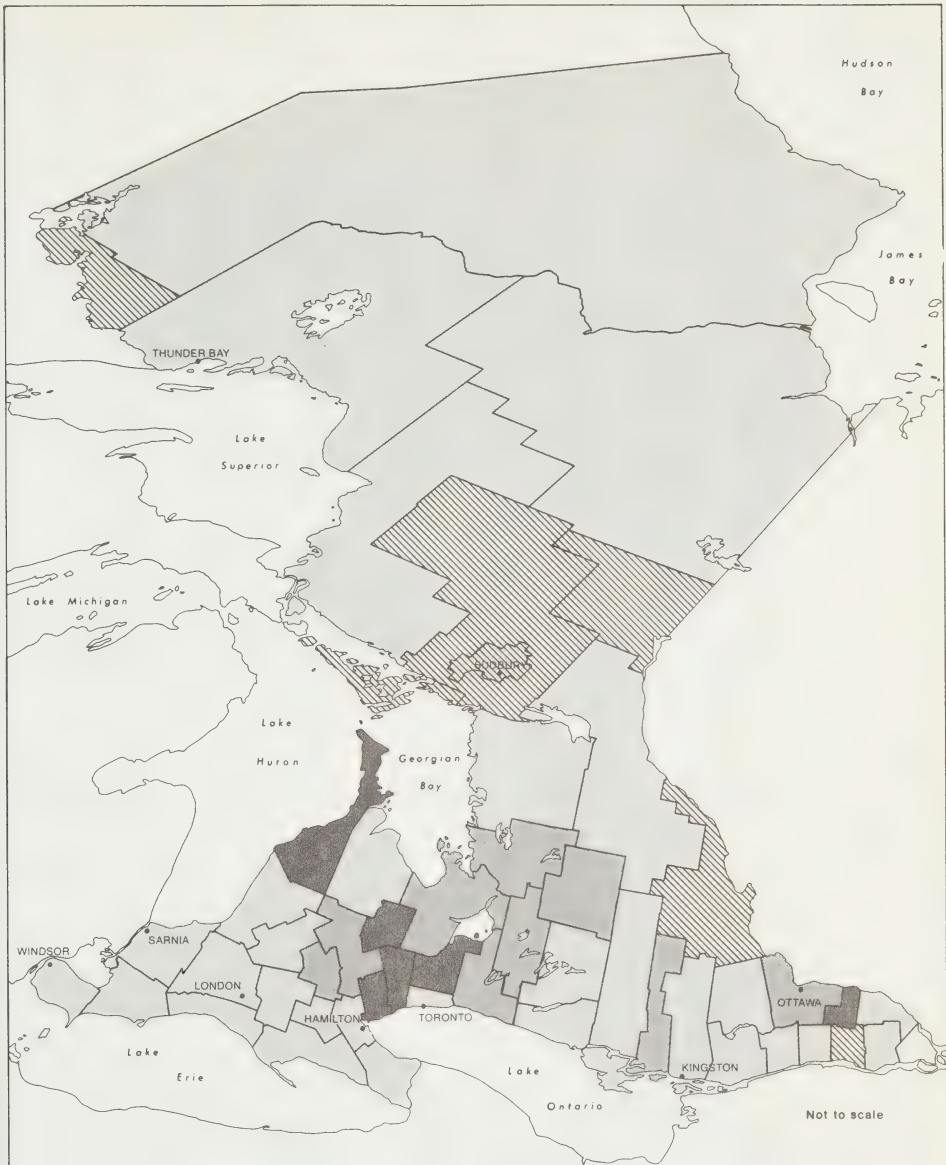
Census Metropolitan Area (CMA) — A geo-statistical area designed by Statistics Canada to identify a large (i.e. population greater than 100,000) and interrelated socio-economic community typically including a number of municipalities.

Census Agglomeration — A geo-statistical area designed by Statistics Canada to identify an urbanized area which is smaller than a CMA but also forming an interrelated socio-economic community, typically including a number of municipalities.

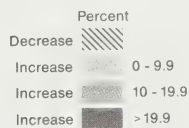
County — A basic political and/or administrative division in Prince Edward Island, Quebec and Ontario. In Ontario there also exist a number of Regional Municipalities (i.e. Muskoka) and one Metropolitan Municipality (York). These areas are treated as Counties.

Registered Indian — is a person who pursuant to the Indian Act is registered as an Indian.

Enfranchisement of Registered Indian — A person with respect to whom an order for enfranchisement is made under the Indian Act shall from the date thereof or from the date of enfranchisement provided therein be deemed not to be an Indian within the meaning of the Indian Act.



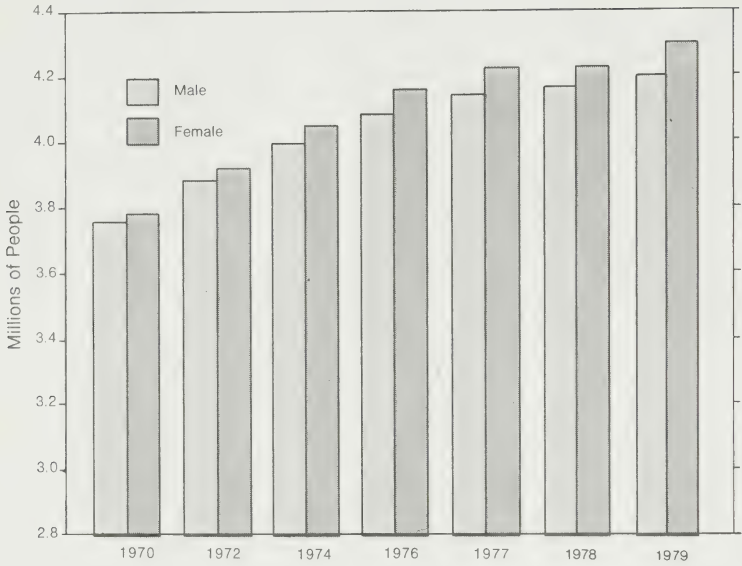
Map 2.A Population Change¹, 1971-1976



¹Census population by county

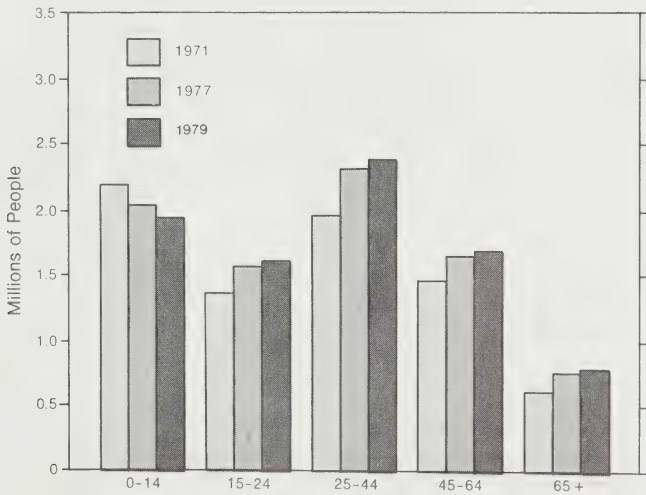
Source: Ministry of Treasury and Economics
 Census Statistical Services, based on data from SC Census of Population

Graph 2.B
Population by Sex, Ontario, Selected Years, 1970-1979



Refer to Table 2.3

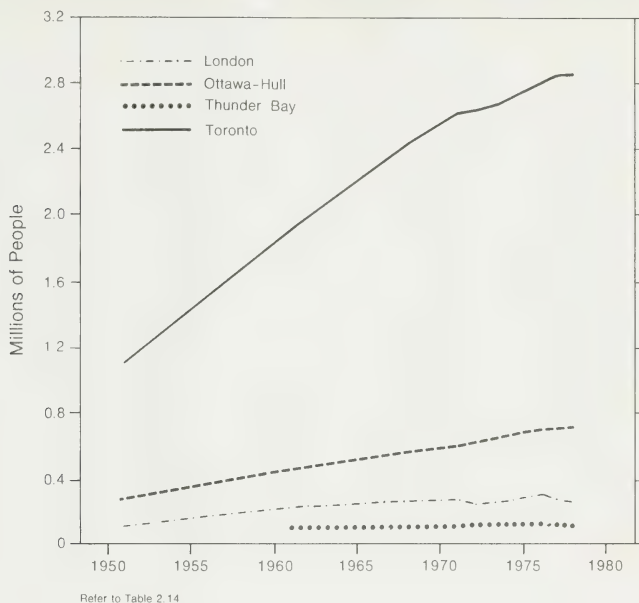
Graph 2.C
Population by Age Group, Ontario, Selected Years, 1971-1979



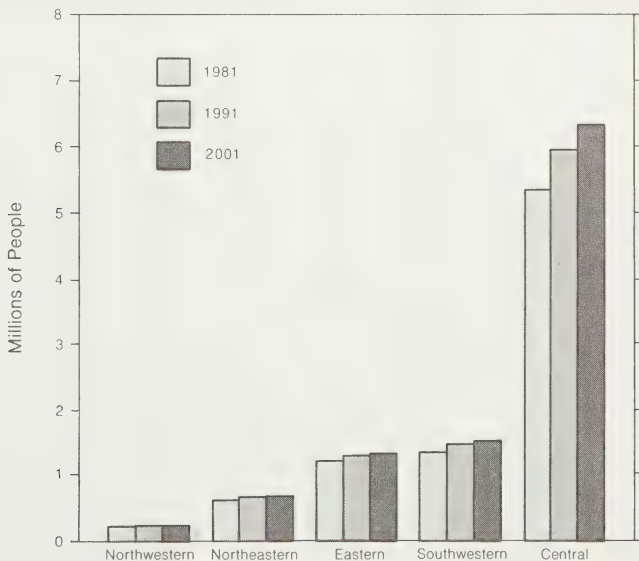
Refer to Table 2.2

Graph 2.D

Population by Census Metropolitan Area, Ontario, Selected Years, 1951-1978

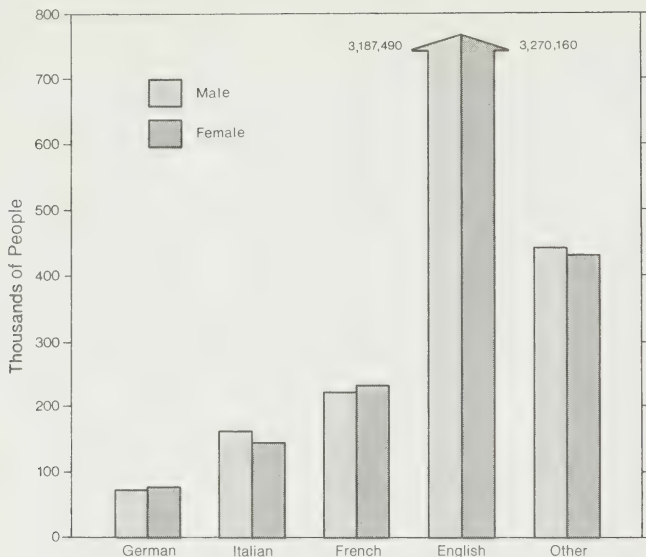
**Graph 2.E**

Population Projections, by Planning Region, Ontario, Selected Years, 1981-2001



Graph 2.F

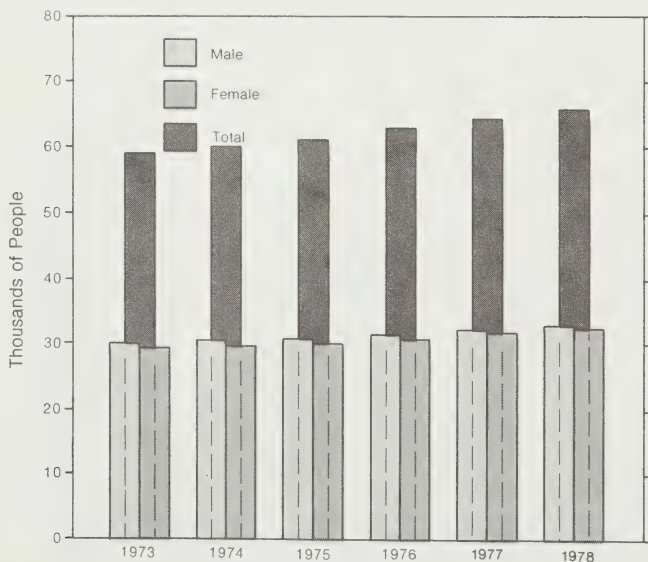
Population by Mother Tongue and Sex, Ontario, 1976



Refer to Table 2.11

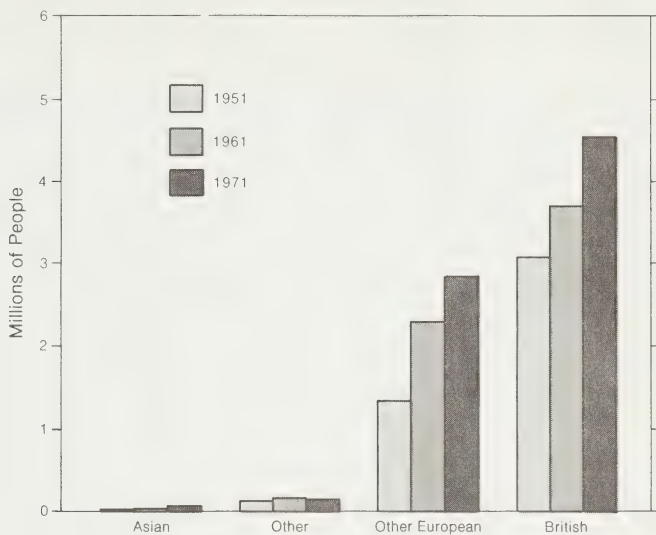
Graph 2.G

Registered Indian Population, by Sex, Ontario, 1973-1978



Refer to Table 2.21

Graph 2.H
Population by Ethnic Group, Ontario, Census Years, 1951-1971



Refer to Table 2 19

Table 2.1
Population by Province, Canada 1953 – 1979

	1953	1954	1955	1956	1957	1958	1959	1960	1961
	'000's								
Canada	14,845	15,287	15,698	16,081	16,610	17,080	17,483	17,870	18,238
Ontario	4,941	5,115	5,266	5,405	5,636	5,821	5,969	6,111	6,236
Newfoundland	383	395	406	415	424	432	441	448	458
Prince Edward Island	101	101	100	99	99	100	101	103	105
Nova Scotia	663	673	683	695	701	709	719	727	737
New Brunswick	533	540	547	555	562	571	582	589	598
Québec	4,269	4,388	4,517	4,628	4,769	4,904	5,024	5,142	5,259
Manitoba	809	823	839	850	862	875	891	906	922
Saskatchewan	861	873	878	881	880	891	907	915	925
Alberta	1,012	1,057	1,091	1,123	1,164	1,206	1,248	1,291	1,332
British Columbia	1,248	1,295	1,342	1,399	1,482	1,538	1,567	1,602	1,629
Yukon	9	10	11	12	12	13	13	14	14
Northwest Territories	16	17	18	19	19	20	21	22	23

Table 2.1 (cont'd)

	1962	1963	1964	1965	1966	1967	1968	1969	1970
	'000's								
Canada	18,583	18,931	19,290	19,644	20,015	20,378	20,701	21,001	21,297
Ontario	6,351	6,481	6,631	6,788	6,961	7,127	7,262	7,385	7,551
Newfoundland	468	476	483	488	493	499	506	514	517
Prince Edward Island	107	108	109	109	109	109	110	111	110
Nova Scotia	746	751	755	756	756	760	767	775	782
New Brunswick	605	609	611	615	617	620	625	628	627
Québec	5,371	5,481	5,584	5,685	5,781	5,864	5,928	5,985	6,013
Manitoba	936	949	959	965	963	963	971	979	983
Saskatchewan	930	933	942	950	955	957	960	958	941
Alberta	1,369	1,403	1,429	1,450	1,463	1,490	1,524	1,559	1,595
British Columbia	1,660	1,699	1,745	1,797	1,874	1,945	2,003	2,060	2,128
Yukon	15	15	15	14	14	15	15	16	17
Northwest Territories	25	26	27	27	29	29	30	31	33

Table 2.1 (cont'd)
Population by Province, Canada, 1953 – 1979

	1971	1972	1973	1974	1975	1976	1977 ^f	1978 ^f	1979 ^p
	'000's								
Canada	21,569	21,802	22,043	22,364	22,697	22,993	23,258	23,483	23,672
Ontario	7,703	7,810	7,909	8,054	8,172	8,265	8,355	8,445	8,500
Newfoundland	522	530	537	542	549	558	564	569	574
Prince Edward Island	112	113	114	115	117	118	120	122	123
Nova Scotia	789	795	804	812	820	829	835	841	847
New Brunswick	635	640	647	654	665	677	687	695	701
Québec	6,028	6,054	6,079	6,123	6,179	6,235	6,276	6,283	6,299
Manitoba	988	991	996	1,008	1,014	1,022	1,029	1,033	1,031
Saskatchewan	926	914	905	900	907	921	937	948	957
Alberta	1,628	1,657	1,690	1,722	1,778	1,838	1,896	1,952	2,009
British Columbia	2,185	2,241	2,302	2,376	2,433	2,467	2,494	2,530	2,567
Yukon	18	20	21	21	21	22	21	22	22
Northwest Territories	35	37	39	40	41	43	43	44	43

Source: SC, *Estimates of Population for Canada and the Provinces, (91-201)*

Table 2.2
Population by Age Group, Ontario, 1954 – 1979

Age Group	1954	1955	1956	1957	1958	1959	1960	1961
	'000's							
Total	5,115.0	5,266.0	5,404.9	5,636.0	5,821.0	5,969.0	6,111.0	6,236.1
0-4	587.4	610.3	628.8	662.4	693.4	710.5	724.3	740.2
5-9	503.2	534.3	563.7	588.0	614.5	634.6	656.9	674.5
10-14	387.6	407.3	425.9	466.3	501.8	531.0	562.2	593.1
15-19	335.6	341.4	346.8	364.9	385.5	399.8	418.5	436.9
20-24	364.1	364.4	365.1	379.5	386.6	385.8	387.3	386.9
25-29	409.5	413.5	417.4	431.6	435.0	431.9	428.5	422.7
30-34	405.2	422.5	438.7	454.9	459.9	463.6	463.4	459.8
35-39	374.6	382.9	390.8	413.2	430.6	444.8	458.0	469.3
40-44	340.7	351.3	361.1	369.7	377.1	385.3	392.1	397.3
45-49	295.3	304.0	312.2	323.7	333.7	344.4	353.5	360.8
50-54	261.1	265.5	269.3	276.9	283.9	293.7	302.1	309.8
55-59	227.1	232.1	236.5	241.2	243.6	249.7	254.4	258.3
60-64	189.8	192.1	194.2	199.1	202.0	208.0	213.3	218.5
65-69	162.6	165.3	167.4	169.2	170.7	173.9	177.0	180.0
70-74	127.5	130.8	134.2	137.3	139.5	142.5	144.2	146.3
75-79	79.0	81.3	83.2	86.5	89.2	92.6	95.5	97.7
80-84	41.4	42.8	44.4	45.6	46.9	49.1	50.9	53.5
85-89	17.6	18.2	18.8	19.3	20.1	20.5	21.3	22.6
90+	5.7	6.0	6.4	6.7	7.0	7.3	7.6	7.9

Table 2.2 (cont'd)
Population by Age Group, Ontario, 1954 – 1979

Age Group	1962	1963	1964	1965	1966	1967	1968	1969	1970
'000's									
Total	6,351.0	6,481.0	6,631.0	6,788.0	6,960.9	7,127.0	7,262.0	7,385.0	7,551.0
0-4	751.8	762.6	764.3	760.3	745.7	727.1	700.8	672.7	654.5
5-9	686.4	705.5	726.4	747.8	770.1	779.9	786.1	787.6	787.5
10-14	615.0	631.6	647.4	665.5	688.3	711.5	732.7	752.8	772.4
15-19	466.9	503.4	539.8	571.3	599.2	628.6	652.3	671.0	693.6
20-24	393.0	407.0	427.9	452.3	485.1	523.6	560.5	595.4	637.6
25-29	414.2	408.7	411.2	418.0	433.9	454.1	475.4	500.0	533.3
30-34	453.3	446.3	444.0	443.8	447.2	450.9	453.0	455.8	465.7
35-39	472.9	471.3	470.2	470.3	472.6	471.5	468.4	465.8	467.2
40-44	408.4	422.2	439.5	455.9	469.4	478.5	480.8	478.6	476.1
45-49	366.1	369.9	373.7	380.2	391.0	404.3	421.0	439.5	457.2
50-54	317.1	324.8	334.5	344.5	353.4	360.6	364.1	366.5	371.8
55-59	264.9	270.9	277.7	285.2	293.3	303.4	314.3	325.2	335.7
60-64	222.5	226.6	231.9	237.8	244.1	251.3	258.0	264.6	272.0
65-69	183.4	187.7	191.6	195.1	199.2	203.5	208.5	214.6	221.1
70-74	147.2	148.4	151.3	155.0	159.0	161.0	162.3	164.4	167.6
75-79	100.4	102.4	104.0	106.3	108.5	112.2	114.8	116.9	119.0
80-84	55.6	58.0	60.0	61.8	63.2	65.4	67.5	69.6	72.0
85-89	23.6	24.7	26.0	27.1	27.9	29.2	30.4	32.0	33.8
90+	8.3	9.0	9.6	9.8	9.8	10.4	11.1	12.0	12.9

Table 2.2 (cont'd)

Age Group	1971	1972	1973	1974	1975	1976	1977 ³	1978 ³	1979 ²
'000's									
Total	7,703.1	7809.9	7908.8	8054.1	8172.2	8,264.5	8,355.0	8,444.3	8,503.3
0-4	637.3	632.0	630.5	630.6	624.2	607.2	603.8	603.3	604.5
5-9	783.5	758.0	722.4	693.0	675.4	667.8	657.2	650.5	638.3
10-14	787.7	798.2	808.7	817.2	816.8	798.8	776.8	743.5	709.0
15-19	713.4	733.6	751.7	772.5	787.2	808.0	820.7	833.5	837.7
20-24	674.1	672.0	680.0	704.6	727.9	744.4	764.7	784.5	798.5
25-29	567.4	609.5	638.7	670.4	696.3	715.8	708.8	712.4	718.5
30-34	478.1	494.7	515.7	543.3	566.4	586.4	627.9	655.4	673.1
35-39	468.5	466.8	466.4	474.5	482.1	490.0	503.1	523.8	542.5
40-44	474.1	475.3	475.7	478.0	476.1	474.6	472.9	470.6	473.2
45-49	469.8	470.4	472.2	472.0	472.6	471.9	471.9	473.5	472.9
50-54	381.1	402.6	424.8	446.6	457.3	465.0	464.1	463.5	461.1
55-59	343.6	345.5	344.6	344.8	353.3	369.4	390.8	413.9	433.5
60-64	280.0	290.1	299.5	309.8	321.2	326.3	328.2	328.0	327.4
65-69	227.8	233.2	238.7	245.3	251.3	260.9	271.7	280.0	288.2
70-74	171.5	175.8	181.4	187.3	192.5	197.3	202.8	208.7	215.1
75-79	121.0	123.7	125.8	128.5	132.5	137.0	141.4	146.8	151.9
80-84	74.4	76.3	78.1	79.3	80.8	83.0	85.3	87.3	90.5
85-89	35.9	37.3	38.3	39.6	40.6	41.5	42.9	44.2	45.1
90+	13.9	14.9	15.8	16.8	17.8	19.3	20.1	20.9	22.3

1) Census figures (rounded).
2) Preliminary estimates.
3) Final postcensal estimates.

Source: SC, *Estimated Population by Sex and Age Group, for Canada and Provinces*.

Table 2.3
Population by Sex, by Province, Canada 1968 – 1979

		1968	1969	1970	1971	1972'	1973'
		'000's					
Canada	T	20,701.0	21,001.0	21,297.0	21,568.3	21,801.3	22,043.0
	M	10,387.8	10,530.7	10,669.1	10,795.4	10,900.8	11,010.4
	F	10,313.2	10,470.3	10,627.9	10,772.9	10,900.5	11,032.6
Ontario	T	7,262.0	7,385.0	7,551.0	7,703.1	7,809.9	7,908.8
	M	3,627.4	3,687.2	3,767.1	3,840.9	3,889.6	3,934.3
	F	3,634.6	3,697.8	3,783.9	3,862.2	3,920.3	3,974.5
Newfoundland	T	506.0	514.0	517.0	522.1	530.0	537.2
	M	258.3	262.3	263.7	266.1	269.9	273.5
	F	247.7	251.7	253.3	256.0	260.0	263.7
Prince Edward Island	T	110.0	111.0	110.0	111.6	112.6	114.0
	M	55.6	56.0	55.5	56.2	56.7	57.3
	F	54.4	55.0	54.5	55.4	55.9	56.7
Nova Scotia	T	767.0	775.0	782.0	787.0	794.6	804.3
	M	386.0	390.0	393.2	396.5	398.9	403.3
	F	381.0	385.0	388.8	392.5	395.7	401.0
New Brunswick	T	625.0	628.0	627.0	634.6	640.1	647.1
	M	314.3	315.8	315.1	319.4	321.9	325.1
	F	310.7	312.2	311.9	315.2	318.2	322.0
Québec	T	5,928.0	5,985.0	6,013.0	6,027.8	6,053.6	6,078.9
	M	2,957.3	2,983.1	2,993.4	2,994.6	3,004.9	3,015.0
	F	2,970.7	3,001.9	3,019.6	3,033.2	3,048.7	3,063.8
Manitoba	T	971.0	979.0	983.0	988.2	991.2	996.2
	M	487.4	490.9	492.1	494.6	495.5	497.3
	F	483.6	488.1	490.9	493.6	495.7	498.9
Saskatchewan	T	960.0	958.0	941.0	926.2	914.0	904.5
	M	490.4	488.6	479.3	470.7	463.8	458.3
	F	469.6	469.4	461.7	455.5	450.2	446.2
Alberta	T	1,524.0	1,559.0	1,595.0	1,627.9	1,657.3	1,689.5
	M	775.7	793.3	811.2	827.8	842.3	858.3
	F	748.3	765.7	783.8	800.1	815.0	831.2
British Columbia	T	2,003.0	2,060.0	2,128.0	2,184.6	2,241.4	2,302.4
	M	1,011.2	1,038.4	1,071.9	1,100.4	1,127.2	1,156.0
	F	991.8	1,021.6	1,056.1	1,084.2	1,114.2	1,146.4
Yukon	T	15.0	16.0	17.0	18.4	19.5	20.5
	M	8.2	8.7	9.2	9.9	10.5	11.1
	F	6.8	7.3	7.8	8.5	9.0	9.5
Northwest Territories	T	30.0	31.0	33.0	34.8	37.3	39.4
	M	16.0	16.4	17.4	18.3	19.6	20.7
	F	14.0	14.6	15.6	16.5	17.7	18.7

Table 2.3 (cont'd)

Population by Sex, by Province, Canada, 1968 – 1979

		1974	1975	1976 ¹	1977 ³	1978 ³	1979 ²
		'000's					
Canada	T	22,363.9	22,697.1	22,992.6	23,257.6	23,475.6	23,670.7
	M	11,159.0	11,313.8	11,449.5	11,572.1	11,670.8	11,758.4
	F	11,204.9	11,383.3	11,543.1	11,685.6	11,804.8	11,912.2
Ontario	T	8,054.1	8,172.2	8,264.5	8,355.0	8,444.3	8,503.3
	M	4,001.9	4,055.9	4,096.9	4,137.1	4,177.0	4,201.9
	F	4,052.2	4,116.4	4,167.6	4,217.9	4,267.3	4,301.4
Newfoundland	T	541.5	549.1	557.7	564.0	568.8	573.7
	M	275.5	279.2	283.4	286.5	288.7	291.7
	F	266.0	269.9	274.3	277.5	280.1	282.7
Prince Edward Island	T	115.2	117.1	118.2	120.2	122.1	123.0
	M	57.9	58.8	59.3	60.3	61.3	61.8
	F	57.3	58.3	58.9	59.8	60.7	61.2
Nova Scotia	T	811.5	819.5	828.6	835.0	841.4	847.7
	M	406.5	410.0	414.2	417.0	419.8	422.4
	F	405.0	409.4	414.4	417.9	421.6	425.2
New Brunswick	T	653.6	665.2	677.2	687.1	694.8	700.9
	M	328.1	333.6	339.3	344.1	347.7	350.4
	F	325.5	331.6	337.9	343.0	347.1	350.5
Québec	T	6,122.7	6,179.0	6,234.4	6,275.8	6,272.8	6,283.7
	M	3,034.3	3,059.7	3,084.6	3,103.8	3,100.6	3,104.5
	F	3,088.4	3,119.3	3,149.8	3,172.0	3,172.1	3,179.2
Manitoba	T	1,007.5	1,013.6	1,021.5	1,029.1	1,033.5	1,032.0
	M	502.3	504.7	508.0	511.4	512.8	511.3
	F	505.2	508.9	513.5	517.7	520.7	520.7
Saskatchewan	T	899.7	907.4	921.3	937.0	948.4	958.9
	M	455.2	458.4	464.8	472.5	478.0	483.3
	F	444.5	449.0	456.6	464.6	470.3	475.7
Alberta	T	1,722.4	1,778.3	1,838.0	1,896.4	1,954.2	2,012.5
	M	874.5	902.5	932.4	961.6	990.3	1,019.5
	F	847.8	875.8	905.7	934.9	963.8	993.0
British Columbia	T	2,375.7	2,433.2	2,466.6	2,493.7	2,530.1	2,569.9
	M	1,190.9	1,217.8	1,232.5	1,244.1	1,260.5	1,278.7
	F	1,184.8	1,215.4	1,234.1	1,249.7	1,269.6	1,291.2
Yukon	T	20.5	21.3	21.8	21.1	21.7	21.6
	M	11.0	11.4	11.7	11.2	11.5	11.4
	F	9.5	9.9	10.1	9.9	10.2	10.3
Northwest Territories	T	39.6	41.2	42.6	43.3	43.7	43.4
	M	20.8	21.7	22.5	22.6	22.5	22.2
	F	18.7	19.5	20.2	20.7	21.1	21.2

1) Census figures (rounded).

2) Postcensal preliminary figures.

3) Final postcensal estimates.

Source: SC, *Estimated Population by Sex and Age Group, for Canada and Provinces.**Revised Annual Estimates of Population, by Sex and Age Group, Canada and the Provinces.*

Table 2.4
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1979

County		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Total Ontario	M	305,885	328,344	361,323	423,574	398,578	359,538	343,092	276,062	239,935
	F	292,073	311,170	344,230	403,387	394,320	368,383	341,482	271,605	235,082
	T	597,958	639,514	705,553	826,961	792,898	727,921	684,574	547,667	475,017
Eastern Ontario	M	41,616	43,246	49,563	61,875	59,617	51,618	47,393	37,984	32,286
	F	39,933	40,774	46,854	58,557	57,850	51,907	46,450	37,126	31,556
	T	81,549	84,020	96,417	120,432	117,467	103,525	93,843	75,110	63,942
Dundas	M	613	770	830	1,052	892	673	727	592	482
	F	604	711	848	985	770	686	641	550	446
	T	1,217	1,481	1,678	2,037	1,662	1,359	1,368	1,142	928
Frontenac	M	4,085	4,125	4,550	5,597	6,336	5,741	4,632	3,824	3,151
	F	3,883	3,781	4,267	5,356	5,730	5,523	4,398	3,428	2,995
	T	7,968	7,906	8,817	10,953	12,066	11,264	9,030	7,252	6,146
Glengarry	M	720	795	954	1,259	975	678	643	549	517
	F	717	700	932	1,168	885	641	634	517	427
	T	1,437	1,495	1,886	2,427	1,860	1,319	1,277	1,066	944
Grenville	M	963	1,054	1,278	1,457	1,275	971	973	860	760
	F	898	1,068	1,172	1,352	1,163	977	1,013	805	689
	T	1,861	2,122	2,450	2,809	2,438	1,948	1,986	1,665	1,449
Hastings	M	3,666	4,074	4,680	5,976	5,282	3,965	3,663	3,032	2,974
	F	3,538	3,835	4,313	5,676	5,084	3,932	3,570	3,150	2,883
	T	7,204	7,909	8,993	11,652	10,366	7,897	7,233	6,182	5,857
Lanark	M	1,424	1,543	1,845	2,385	2,298	1,860	1,697	1,366	1,112
	F	1,373	1,524	1,748	2,290	2,131	1,738	1,647	1,273	1,055
	T	2,797	3,067	3,593	4,675	4,429	3,598	3,344	2,639	2,167
Leeds	M	1,688	1,971	2,285	2,760	2,586	1,962	1,898	1,666	1,429
	F	1,580	1,915	2,133	2,601	2,409	1,922	1,936	1,578	1,450
	T	3,268	3,886	4,418	5,361	4,995	3,884	3,834	3,244	2,879
Lennox & Addington	M	1,225	1,463	1,575	1,761	1,480	1,283	1,434	1,139	867
	F	1,170	1,334	1,427	1,615	1,326	1,305	1,315	1,004	758
	T	2,395	2,797	3,002	3,376	2,806	2,588	2,749	2,143	1,625
Ottawa-Carleton	M	19,054	19,070	21,644	26,671	26,390	25,778	23,671	18,263	15,323
	F	18,122	17,810	20,377	25,151	27,975	27,064	23,679	18,359	15,182
	T	37,176	36,880	42,021	51,822	54,365	52,842	47,350	36,622	30,505
Prescott	M	1,048	1,135	1,361	1,789	1,633	1,178	1,091	924	731
	F	1,055	1,073	1,359	1,758	1,429	1,090	1,014	896	723
	T	2,103	2,208	2,720	3,547	3,062	2,268	2,105	1,820	1,454
Prince Edward	M	682	713	914	1,241	1,090	791	789	602	571
	F	670	772	859	1,195	952	791	719	617	552
	T	1,352	1,485	1,773	2,436	2,042	1,582	1,508	1,219	1,123
Renfrew	M	3,254	3,333	3,921	5,091	5,207	3,423	2,989	2,584	2,319
	F	3,209	3,153	3,798	4,779	3,983	2,936	2,820	2,467	2,321
	T	6,463	6,486	7,719	9,870	9,190	6,359	5,809	5,051	4,640
Russell	M	979	925	1,081	1,272	1,041	932	1,010	818	566
	F	922	945	1,119	1,170	924	968	952	728	490
	T	1,901	1,870	2,200	2,442	1,965	1,900	1,962	1,546	1,056
Stormont	M	2,215	2,275	2,645	3,564	3,132	2,383	2,176	1,765	1,584
	F	2,192	2,153	2,502	3,461	3,089	2,334	2,112	1,754	1,585
	T	4,407	4,428	5,147	7,025	6,221	4,717	4,288	3,519	3,169

Table 2.4 (cont'd)

Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1979

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +	Total
Total, Ontario	M	240,745	228,787	208,587	154,982	133,620	92,603	61,425	32,228	20,716	4,210,024
	F	232,939	232,368	224,205	170,732	152,764	121,371	90,415	59,742	47,008	4,293,276
	T	473,684	461,155	432,792	325,714	286,384	213,974	151,840	91,970	67,724	8,503,300
Eastern Ontario	M	32,210	30,291	29,003	22,699	19,100	12,945	8,254	4,575	3,047	587,422
	F	31,589	31,897	32,063	25,500	22,129	17,236	12,634	8,794	6,975	599,824
	T	63,799	62,188	61,066	48,199	41,299	30,181	20,888	13,369	10,022	1,187,246
Dundas	M	430	465	484	418	415	283	215	110	58	9,509
	F	440	489	458	464	434	328	270	188	144	9,456
	T	870	954	942	882	849	611	485	298	202	18,965
Frontenac	M	3,163	2,864	2,808	2,140	1,839	1,221	762	417	332	57,587
	F	3,045	2,936	2,971	2,374	2,020	1,585	1,154	835	731	57,012
	T	6,208	5,800	5,779	4,514	3,859	2,806	1,916	1,252	1,063	114,599
Glengarry	M	482	525	507	476	466	323	241	115	71	10,296
	F	464	541	578	459	457	345	269	186	175	10,095
	T	946	1,066	1,085	935	923	668	510	301	246	20,391
Grenville	M	735	696	635	570	553	387	235	118	70	13,590
	F	710	712	725	668	572	472	343	232	195	13,766
	T	1,445	1,408	1,360	1,238	1,125	859	578	350	265	27,356
Hastings	M	2,949	2,765	2,604	2,187	1,862	1,343	847	486	308	52,663
	F	2,910	2,882	2,877	2,365	2,084	1,634	1,234	803	640	53,410
	T	5,859	5,647	5,481	4,552	3,946	2,977	2,081	1,289	948	106,073
Lanark	M	1,088	1,128	1,094	953	923	649	475	254	162	22,256
	F	1,128	1,152	1,259	1,171	1,073	836	669	477	330	22,874
	T	2,216	2,280	2,353	2,124	1,996	1,485	1,144	731	492	45,130
Leeds	M	1,519	1,350	1,355	1,147	1,177	808	467	251	178	26,497
	F	1,414	1,499	1,509	1,318	1,282	1,005	727	491	418	27,187
	T	2,933	2,849	2,864	2,465	2,459	1,813	1,194	742	596	53,684
Lennox & Addington	M	824	776	768	614	568	445	282	160	98	16,762
	F	802	790	828	581	571	487	369	229	189	16,100
	T	1,626	1,566	1,596	1,195	1,139	932	651	389	287	32,862
Ottawa-Carleton (R.M.)	M	15,236	13,986	13,428	9,681	7,344	4,617	2,782	1,621	1,099	265,658
	F	14,892	15,059	15,056	11,259	9,396	7,038	5,056	3,658	2,860	277,993
	T	30,128	29,045	28,484	20,940	16,740	11,655	7,838	5,279	3,959	543,651
Prescott	M	741	755	676	610	498	386	284	125	93	15,058
	F	792	778	754	633	552	478	328	230	136	15,078
	T	1,533	1,533	1,430	1,243	1,050	864	612	355	229	30,136
Prince Edward	M	579	621	660	571	492	381	244	123	91	11,155
	F	552	659	701	555	511	406	296	218	150	11,175
	T	1,131	1,280	1,361	1,126	1,003	787	540	341	241	22,330
Renfrew	M	2,349	2,309	2,070	1,765	1,519	1,091	742	446	264	44,676
	F	2,296	2,233	2,198	1,901	1,533	1,306	987	626	506	43,052
	T	4,645	4,542	4,268	3,666	3,052	2,397	1,729	1,072	770	87,728
Russell	M	502	432	446	368	332	227	168	86	72	11,257
	F	454	470	442	344	330	259	209	123	124	10,973
	T	956	902	888	712	662	486	377	209	196	22,230
Stormont	M	1,613	1,619	1,468	1,199	1,112	784	510	263	151	30,458
	F	1,690	1,697	1,707	1,408	1,314	1,057	723	498	377	31,653
	T	3,303	3,316	3,175	2,607	2,426	1,841	1,233	761	528	62,111

Table 2.4 (cont'd)

Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1979

Region/County	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Central Ontario	M	185,310	198,301	217,479	249,352	236,625	222,366	217,673	175,738	152,607
	F	176,756	188,127	207,708	237,543	237,603	232,294	219,687	173,025	149,897
	T	362,066	386,428	425,187	486,895	474,028	454,660	437,360	348,763	302,504
Brant	M	3,595	3,950	4,508	5,194	4,892	4,205	3,879	2,983	2,645
	F	3,426	3,772	4,283	4,835	4,704	4,175	3,618	3,009	2,600
	T	7,021	7,722	8,791	10,029	9,596	8,380	7,497	5,992	5,245
Dufferin	M	1,283	1,554	1,604	1,687	1,339	1,144	1,426	1,224	978
	F	1,193	1,402	1,486	1,570	1,174	1,264	1,447	1,146	867
	T	2,476	2,956	3,090	3,257	2,513	2,408	2,873	2,370	1,845
Durham (R.M.)	M	10,116	11,491	12,475	14,528	12,142	10,231	11,266	9,872	8,129
	F	9,664	11,053	11,849	13,819	11,666	10,704	11,625	9,471	7,760
	T	19,780	22,544	24,324	28,347	23,808	20,935	22,891	19,343	15,889
Haldimand-Norfolk (R.M.)	M	3,121	3,560	4,000	5,028	4,490	3,493	3,336	2,636	2,392
	F	3,005	3,410	3,757	4,488	4,037	3,370	3,117	2,590	2,267
	T	6,126	6,970	7,757	9,516	8,527	6,863	6,453	5,226	4,659
Haliburton	M	291	363	424	553	444	333	331	302	236
	F	271	363	388	487	392	305	354	262	260
	T	562	726	812	1,040	836	638	685	564	496
Halton (R.M.)	M	8,753	10,390	11,690	13,273	11,173	8,291	9,903	9,407	8,092
	F	8,404	9,806	11,154	12,657	10,585	8,597	10,721	9,293	7,895
	T	17,157	20,196	22,844	25,930	21,758	16,888	20,624	18,700	15,987
Hamilton-Wentworth (R.M.)	M	13,853	14,972	17,007	20,037	19,852	18,180	15,768	12,609	11,084
	F	13,270	14,164	16,319	19,230	19,726	18,209	15,759	12,325	11,118
	T	27,123	29,136	33,326	39,267	39,578	36,389	31,527	24,934	22,202
Muskoka (D.M.)	M	1,167	1,354	1,469	2,019	1,746	1,413	1,281	1,086	968
	F	1,141	1,352	1,442	1,875	1,631	1,402	1,265	1,048	996
	T	2,308	2,706	2,911	3,894	3,377	2,815	2,546	2,134	1,964
Niagara (R.M.)	M	11,803	14,129	16,375	19,002	17,398	13,981	13,098	11,164	9,698
	F	11,408	13,377	15,495	18,128	17,156	14,001	13,294	11,208	9,912
	T	23,211	27,506	31,870	37,130	34,554	27,982	26,392	22,372	19,610
Northumberland	M	2,158	2,474	2,801	3,609	3,141	2,467	2,429	1,958	1,714
	F	2,063	2,377	2,683	3,409	2,833	2,287	2,333	1,807	1,716
	T	4,221	4,851	5,484	7,018	5,974	4,754	4,762	3,765	3,430
Peel (R.M.)	M	18,200	20,335	20,818	21,534	17,439	16,827	20,656	18,441	15,136
	F	17,332	19,404	20,001	20,344	18,025	18,848	21,694	17,561	13,604
	T	35,532	39,739	40,819	41,878	35,464	35,675	42,350	36,002	28,740
Peterborough	M	3,376	3,645	4,155	5,133	4,939	4,018	3,645	2,952	2,510
	F	3,192	3,565	4,018	4,980	4,633	3,851	3,581	2,964	2,523
	T	6,568	7,210	8,173	10,113	9,572	7,869	7,226	5,916	5,033
Simcoe	M	8,076	9,128	9,662	11,726	11,141	8,578	8,852	7,351	5,967
	F	7,749	8,619	9,177	10,906	9,802	8,686	8,652	7,006	5,650
	T	15,825	17,747	18,839	22,632	20,943	17,264	17,504	14,357	11,617
Toronto (M.M.)	M	73,391	71,498	79,140	90,450	93,764	98,895	93,154	69,903	62,773
	F	69,764	67,663	75,667	87,281	98,833	106,458	93,431	70,307	63,724
	T	143,155	139,161	154,807	177,731	192,597	205,353	186,585	140,210	126,497

Table 2.4 (cont'd)

Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1979

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +	Total
Central Ontario	M	153,204	144,437	129,946	92,839	80,587	55,110	36,330	18,772	12,372	2,579,048
	F	147,949	146,388	138,220	102,704	93,159	74,483	55,319	36,213	28,984	2,645,859
	T	301,153	290,825	268,166	195,543	173,746	129,593	91,649	54,985	41,356	5,224,907
Brant	M	2,544	2,763	2,620	2,022	1,794	1,307	816	434	268	50,411
	F	2,638	2,886	2,862	2,355	2,061	1,738	1,268	852	671	51,753
	T	5,182	5,649	5,482	4,377	3,855	3,045	2,084	1,286	939	102,172
Dufferin	M	811	721	666	529	488	405	253	136	82	16,330
	F	788	672	684	565	496	398	325	200	158	15,835
	T	1,599	1,393	1,350	1,094	984	803	578	336	240	32,165
Durham (R.M.)	M	7,992	7,108	5,881	4,240	3,443	2,347	1,667	931	605	134,464
	F	7,379	6,943	5,975	4,262	3,748	3,038	2,382	1,532	1,213	134,083
	T	15,371	14,051	11,856	8,502	7,191	5,385	4,049	2,463	1,818	268,547
Haldimand-Norfolk (R.M.)	M	2,396	2,364	2,177	1,746	1,723	1,310	941	458	264	45,435
	F	2,441	2,376	2,422	2,004	1,848	1,613	1,188	705	516	45,154
	T	4,837	4,740	4,599	3,750	3,571	2,923	2,129	1,163	780	90,589
Haliburton	M	292	280	281	288	286	258	148	64	32	5,206
	F	273	283	349	318	340	250	174	84	71	5,224
	T	565	563	630	606	626	508	322	148	103	10,430
Halton (R.M.)	M	7,976	7,050	5,725	3,715	2,799	1,778	1,134	563	426	122,138
	F	7,390	6,620	5,752	3,747	3,046	2,366	1,717	1,134	990	121,874
	T	15,366	13,670	11,477	7,462	5,845	4,144	2,851	1,697	1,416	244,012
Hamilton-Wentworth (R.M.)	M	11,705	12,258	11,756	8,313	6,937	4,740	3,225	1,644	1,025	204,965
	F	11,926	12,847	12,190	8,782	8,049	6,554	4,971	3,288	2,619	211,346
	T	23,631	25,105	23,946	17,095	14,986	11,294	8,196	4,932	3,644	416,311
Muskoka (D.M.)	M	1,119	1,017	907	828	888	695	438	178	125	18,698
	F	1,008	1,080	1,117	1,013	995	771	566	333	260	19,295
	T	2,127	2,097	2,024	1,841	1,883	1,466	1,004	511	385	37,993
Niagara (R.M.)	M	10,226	10,454	10,024	7,389	6,359	4,325	3,042	1,519	931	180,917
	F	10,391	11,012	10,772	8,130	7,169	5,781	4,366	2,927	2,228	186,755
	T	20,617	21,466	20,796	15,519	13,528	10,106	7,408	4,446	3,159	367,672
Northumberland	M	1,749	1,731	1,727	1,423	1,370	1,019	589	336	173	32,868
	F	1,666	1,817	1,956	1,607	1,509	1,230	864	559	416	33,132
	T	3,415	3,548	3,683	3,030	2,879	2,249	1,453	895	589	66,000
Peel (R.M.)	M	13,310	10,433	8,133	5,033	3,751	2,317	1,358	774	498	214,993
	F	11,645	9,626	7,928	5,281	4,346	3,169	2,164	1,467	1,324	213,763
	T	24,955	20,059	16,061	10,314	8,097	5,486	3,522	2,241	1,822	428,756
Peterborough	M	2,602	2,704	2,547	2,184	1,991	1,391	761	409	242	49,204
	F	2,632	2,952	2,984	2,594	2,211	1,706	1,146	786	668	50,986
	T	5,234	5,656	5,531	4,778	4,202	3,097	1,907	1,195	910	100,190
Simcoe	M	5,710	5,293	4,981	4,188	4,136	3,023	1,959	1,012	603	111,386
	F	5,282	5,319	5,597	4,829	4,517	3,519	2,486	1,621	1,234	110,651
	T	10,992	10,612	10,578	9,017	8,653	6,542	4,445	2,633	1,837	222,037
Toronto (M.M.)	M	64,837	61,871	56,517	39,195	34,361	22,765	14,929	7,631	5,237	1,040,311
	F	63,679	63,784	60,502	44,284	41,103	32,837	24,571	15,947	12,580	1,092,415
	T	128,516	125,655	117,019	83,479	75,464	55,602	39,500	23,578	17,817	2,132,726

Table 2.4 (cont'd)

Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1979

Region/County	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Victoria	M	1,532	1,706	1,891	2,373	1,997	1,611	1,689	1,380	1,124
	F	1,390	1,656	1,843	2,282	1,857	1,648	1,593	1,350	1,093
	T	2,922	3,362	3,734	4,655	3,854	3,259	3,282	2,730	2,217
Waterloo (R.M.)	M	12,184	13,017	13,396	14,454	14,503	14,976	12,948	10,264	8,468
	F	11,617	12,199	12,990	13,883	14,856	14,824	12,607	9,693	7,760
	T	23,801	25,216	26,386	28,337	29,359	29,800	25,555	19,957	16,228
Wellington	M	4,977	5,430	5,756	6,799	6,398	6,024	5,369	4,165	3,507
	F	4,776	5,085	5,558	6,356	6,240	5,820	5,158	4,041	3,356
	T	9,753	10,515	11,314	13,155	12,638	11,844	10,527	8,206	6,863
York (R.M.)	M	7,434	9,305	10,308	11,953	9,827	7,699	8,643	8,041	7,186
	F	7,091	8,860	9,598	11,013	9,253	7,845	9,438	7,944	6,796
	T	14,525	18,165	19,906	22,966	19,080	15,544	18,081	15,985	13,982
Southwestern Ontario	M	46,022	51,622	55,931	65,734	61,351	52,977	48,340	38,591	33,249
	F	44,057	48,818	52,689	62,607	60,023	52,976	47,307	37,916	32,812
	T	90,079	100,440	108,620	128,341	121,374	105,953	95,647	76,507	66,061
Bruce	M	2,177	2,650	2,675	3,086	2,781	2,348	2,380	1,817	1,613
	F	2,163	2,411	2,504	3,031	2,434	2,177	2,082	1,635	1,421
	T	4,340	5,061	5,179	6,117	5,215	4,525	4,462	3,452	3,034
Elgin	M	2,405	2,889	3,178	3,520	3,127	2,512	2,560	2,184	1,796
	F	2,329	2,802	3,009	3,392	3,008	2,646	2,524	2,120	1,657
	T	4,734	5,691	6,187	6,912	6,135	5,158	5,084	4,304	3,453
Essex	M	11,478	13,081	14,337	16,315	15,140	12,832	11,721	9,490	7,999
	F	11,210	12,316	13,608	15,469	15,036	12,884	11,843	9,277	8,198
	T	22,688	25,397	27,945	31,784	30,176	25,716	23,564	18,767	16,197
Grey	M	2,265	2,864	3,148	3,755	3,350	2,741	2,562	2,049	1,852
	F	2,212	2,669	2,980	3,565	3,251	2,630	2,374	2,102	1,802
	T	4,477	5,533	6,128	7,320	6,601	5,371	4,936	4,151	3,654
Huron	M	1,986	2,302	2,527	3,093	2,680	2,172	1,920	1,596	1,352
	F	1,941	2,179	2,453	2,909	2,435	1,894	1,753	1,504	1,343
	T	3,927	4,481	4,980	6,002	5,115	4,066	3,673	3,100	2,695
Kent	M	4,090	4,392	4,872	5,748	5,302	4,418	3,951	3,146	2,717
	F	3,806	4,239	4,468	5,485	5,012	4,175	3,876	3,069	2,669
	T	7,896	8,631	9,340	11,233	10,314	8,593	7,827	6,215	5,386
Lambton	M	4,631	5,035	5,339	6,443	6,414	5,304	4,792	3,719	3,222
	F	4,420	4,767	5,075	6,262	5,965	4,827	4,348	3,580	3,195
	T	9,051	9,802	10,414	12,705	12,379	10,131	9,140	7,299	6,417
Middlesex	M	11,562	12,274	13,273	15,779	15,067	14,733	13,000	10,135	8,734
	F	10,914	11,620	12,267	14,957	15,767	15,892	13,241	10,351	8,689
	T	22,476	23,894	25,540	30,736	30,834	30,625	26,241	20,486	17,423
Oxford	M	3,077	3,519	3,685	4,407	4,122	3,345	3,109	2,563	2,270
	F	2,886	3,325	3,522	4,183	4,010	3,312	3,080	2,440	2,168
	T	5,963	6,844	7,207	8,590	8,132	6,657	6,189	5,003	4,438
Perth	M	2,351	2,616	2,897	3,588	3,368	2,572	2,345	1,892	1,694
	F	2,176	2,490	2,803	3,354	3,105	2,539	2,186	1,838	1,670
	T	4,527	5,106	5,700	6,942	6,473	5,111	4,531	3,730	3,364

Table 2.4 (cont'd)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1979

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +	Total
Victoria	M	1,169	1,168	1,130	1,015	1,158	894	527	259	159	22,782
	F	1,119	1,179	1,353	1,276	1,207	959	683	400	275	23,163
	T	2,288	2,347	2,483	2,291	2,365	1,853	1,210	659	434	45,945
Waterloo (R.M.)	M	8,106	7,652	6,696	4,794	4,069	2,932	2,029	1,037	737	152,262
	F	7,754	7,860	7,252	5,425	4,957	4,042	2,952	2,027	1,657	154,355
	T	15,860	15,512	13,948	10,219	9,026	6,974	4,981	3,064	2,394	306,617
Wellington	M	3,586	3,319	3,009	2,307	2,072	1,588	1,102	624	403	66,435
	F	3,341	3,322	3,201	2,506	2,329	1,973	1,537	999	837	66,435
	T	6,927	6,641	6,210	4,813	4,401	3,561	2,639	1,623	1,240	132,870
York (R.M.)	M	7,074	6,251	5,169	3,630	2,962	2,016	1,412	763	562	110,235
	F	6,597	5,810	5,324	3,726	3,228	2,539	1,959	1,352	1,267	109,640
	T	13,671	12,061	10,493	7,356	6,190	4,555	3,371	2,115	1,829	219,875
Southwestern Ontario	M	33,329	32,898	31,013	24,548	21,459	15,961	11,174	6,198	3,725	634,122
	F	32,906	33,956	34,487	27,177	24,669	20,294	15,824	10,760	8,069	647,347
	T	66,235	66,854	65,500	51,725	46,128	36,255	26,998	16,958	11,794	1,281,469
Bruce	M	1,450	1,330	1,333	1,201	1,204	932	629	390	224	30,220
	F	1,381	1,296	1,472	1,287	1,261	1,014	793	568	368	29,298
	T	2,831	2,626	2,805	2,488	2,465	1,946	1,422	958	592	59,518
Elgin	M	1,748	1,767	1,754	1,425	1,250	975	650	353	215	34,308
	F	1,691	1,825	1,986	1,547	1,504	1,209	950	655	543	35,397
	T	3,439	3,592	3,740	2,972	2,754	2,184	1,600	1,008	758	69,705
Essex	M	8,452	8,517	7,678	5,667	4,811	3,692	2,863	1,580	877	156,530
	F	8,301	8,820	8,768	6,539	5,658	5,077	4,175	2,747	1,919	161,845
	T	16,753	17,337	16,446	12,206	10,469	8,769	7,038	4,327	2,796	318,375
Grey	M	1,912	1,924	1,861	1,615	1,564	1,185	828	446	246	36,167
	F	1,904	1,927	2,054	1,792	1,734	1,379	1,039	738	519	36,671
	T	3,816	3,851	3,915	3,407	3,298	2,564	1,867	1,184	765	72,838
Huron	M	1,351	1,389	1,354	1,236	1,194	890	583	357	202	28,184
	F	1,367	1,375	1,482	1,385	1,263	967	765	531	442	27,988
	T	2,718	2,764	2,836	2,621	2,457	1,857	1,348	888	644	56,172
Kent	M	2,667	2,605	2,501	2,059	1,854	1,343	1,040	508	353	53,566
	F	2,582	2,761	2,861	2,272	2,151	1,754	1,358	909	678	54,125
	T	5,249	5,366	5,362	4,331	4,005	3,097	2,398	1,417	1,031	107,691
Lambton	M	3,391	3,436	2,981	2,459	1,992	1,372	919	487	288	62,224
	F	3,418	3,364	3,256	2,482	2,095	1,605	1,233	831	654	61,377
	T	6,809	6,800	6,237	4,941	4,087	2,977	2,152	1,318	942	123,601
Middlesex	M	8,493	8,037	7,929	5,880	4,889	3,445	2,270	1,291	859	157,650
	F	8,426	8,579	8,547	6,470	5,918	4,724	3,494	2,411	1,948	164,215
	T	16,919	16,616	16,476	12,350	10,807	8,169	5,764	3,702	2,807	321,865
Oxford	M	2,204	2,197	2,050	1,643	1,548	1,154	775	402	233	42,303
	F	2,214	2,275	2,253	1,868	1,717	1,405	1,104	759	524	43,045
	T	4,418	4,472	4,303	3,511	3,265	2,559	1,879	1,161	757	85,348
Perth	M	1,661	1,696	1,572	1,363	1,153	973	617	384	228	32,970
	F	1,622	1,734	1,808	1,535	1,368	1,160	913	611	474	33,386
	T	3,283	3,430	3,380	2,898	2,521	2,133	1,530	995	702	66,356

Table 2.4 (cont'd)

Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1979

Region/County	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Northeastern Ontario	M	23,714	24,956	27,577	34,275	29,001	22,374	20,925	17,061	15,642
	F	22,415	23,617	26,673	32,752	28,137	21,822	19,921	17,086	15,059
	T	46,129	48,573	54,250	67,027	57,138	44,196	40,846	34,147	30,701
Algoma	M	5,299	5,431	6,258	7,318	6,417	5,097	4,541	3,855	3,642
	F	5,066	5,201	5,943	7,116	6,401	4,873	4,496	3,886	3,421
	T	10,365	10,632	12,201	14,434	12,818	9,970	9,037	7,741	7,063
Cochrane	M	4,053	4,252	4,729	5,668	5,077	3,881	3,545	2,710	2,430
	F	3,840	4,081	4,489	5,425	4,633	3,682	3,303	2,616	2,358
	T	7,893	8,333	9,218	11,093	9,710	7,563	6,848	5,326	4,788
Manitoulin	M	390	460	529	702	531	311	297	272	269
	F	380	487	591	654	441	313	317	248	257
	T	770	947	1,120	1,356	972	624	614	520	526
Nipissing	M	3,169	3,269	3,880	4,986	3,964	2,740	2,762	2,346	2,330
	F	3,019	3,077	3,670	4,724	3,920	2,904	2,689	2,486	2,279
	T	6,188	6,346	7,550	9,710	7,884	5,644	5,451	4,832	4,609
Parry Sound	M	1,052	1,211	1,429	1,890	1,449	1,023	1,040	923	874
	F	967	1,082	1,340	1,724	1,363	978	1,031	924	820
	T	2,019	2,293	2,769	3,614	2,812	2,001	2,071	1,847	1,694
Sudbury (R.M.)	M	7,177	7,392	7,535	9,610	8,199	6,802	6,447	5,078	4,350
	F	6,719	6,931	7,401	9,138	8,241	6,669	5,941	5,103	4,270
	T	13,896	14,323	14,936	18,748	16,440	13,471	12,388	10,181	8,620
Sudbury (T.D.)	M	1,079	1,235	1,336	1,666	1,266	972	929	793	689
	F	1,023	1,193	1,342	1,597	1,160	908	848	717	625
	T	2,102	2,428	2,678	3,263	2,426	1,880	1,777	1,510	1,314
Timiskaming	M	1,495	1,706	1,881	2,435	2,098	1,548	1,364	1,084	1,058
	T	1,401	1,565	1,897	2,374	1,978	1,495	1,296	1,106	1,029
	T	2,896	3,271	3,778	4,809	4,076	3,043	2,660	2,190	2,087
Northwestern Ontario	M	9,223	10,219	10,773	12,338	11,984	10,203	8,761	6,688	6,051
	F	8,912	9,834	10,306	11,928	10,907	9,384	8,117	6,452	5,758
	T	18,135	20,053	21,079	24,266	22,891	19,587	16,878	13,140	11,809
Kenora	M	2,580	3,006	3,096	3,267	3,005	2,438	2,228	1,690	1,596
	F	2,501	2,925	2,966	3,227	2,647	2,190	2,021	1,603	1,479
	T	5,081	5,931	6,062	6,494	5,652	4,628	4,249	3,293	3,075
Rainy River	M	963	1,143	1,214	1,391	1,335	938	798	661	550
	F	940	1,075	1,120	1,304	1,075	856	788	605	568
	T	1,903	2,218	2,334	2,695	2,410	1,794	1,586	1,266	1,118
Thunder Bay	M	5,680	6,070	6,463	7,680	7,644	6,827	5,735	4,337	3,905
	F	5,471	5,834	6,220	7,397	7,185	6,338	5,308	4,244	3,711
	T	11,151	11,904	12,683	15,077	14,829	13,165	11,043	8,581	7,616

Table 2.4 (cont'd)

Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, June 1, 1979

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +	Total
Northeastern											
Ontario	M	15,865	14,862	12,905	10,337	8,645	5,915	3,878	1,831	1,077	290,840
	F	14,756	14,178	13,475	10,624	8,902	6,501	4,584	2,729	1,964	285,195
	T	30,621	29,040	26,380	20,961	17,547	12,416	8,462	4,560	3,041	576,035
Algoma	M	3,838	3,468	3,007	2,236	1,803	1,149	743	359	267	64,728
	F	3,523	3,173	2,909	2,311	1,889	1,309	930	609	450	63,506
	T	7,361	6,641	5,916	4,547	3,692	2,458	1,673	968	717	128,234
Cochrane	M	2,525	2,347	2,050	1,589	1,324	1,034	750	341	178	48,483
	F	2,237	2,257	2,022	1,550	1,314	1,062	738	420	274	46,301
	T	4,762	4,604	4,072	3,139	2,638	2,096	1,488	761	452	94,784
Manitoulin	M	268	255	227	220	214	195	121	71	35	5,367
	F	256	258	232	260	256	245	146	98	62	5,501
	T	524	513	459	480	470	440	267	169	97	10,868
Nipissing	M	2,212	1,962	1,672	1,432	1,144	763	496	277	164	39,568
	F	2,090	1,976	1,912	1,508	1,298	978	718	477	340	40,065
	T	4,302	3,938	3,584	2,940	2,442	1,741	1,214	754	504	79,633
Parry Sound	M	868	835	811	788	835	602	405	214	106	16,355
	F	794	867	1,012	907	838	606	434	262	209	16,158
	T	1,662	1,702	1,823	1,695	1,673	1,208	839	476	315	32,513
Sudbury (R.M.)	M	4,412	4,317	3,673	2,705	2,008	1,227	741	321	180	82,174
	F	4,209	4,053	3,639	2,590	1,984	1,350	919	505	377	80,039
	T	8,621	8,370	7,312	5,295	3,992	2,577	1,660	826	557	162,213
Sudbury (T.D.)	M	697	654	589	504	465	298	179	66	44	13,461
	F	613	579	600	487	396	258	182	88	57	12,673
	T	1,310	1,233	1,189	991	861	556	361	154	101	26,134
Timiskaming	M	1,045	1,024	876	863	852	647	443	182	103	20,704
	F	1,034	1,015	1,149	1,011	927	693	517	270	195	20,952
	T	2,079	2,039	2,025	1,874	1,779	1,340	960	452	298	41,656
Northwestern											
Ontario	M	6,137	6,299	5,720	4,559	3,829	2,672	1,789	852	495	118,592
	F	5,739	5,949	5,960	4,727	3,905	2,857	2,054	1,246	1,016	115,051
	T	11,876	12,248	11,680	9,286	7,734	5,529	3,843	2,098	1,511	233,643
Kenora	M	1,495	1,340	1,214	958	866	598	335	173	102	29,987
	F	1,296	1,235	1,249	985	837	554	372	214	176	28,477
	T	2,791	2,575	2,463	1,943	1,703	1,152	707	387	278	58,464
Rainy River	M	579	646	570	538	455	314	186	111	69	12,461
	F	598	617	643	578	435	355	236	159	133	12,085
	T	1,177	1,263	1,213	1,116	890	669	422	270	202	24,546
Thunder Bay	M	4,063	4,313	3,936	3,063	2,508	1,760	1,268	568	324	76,144
	F	3,845	4,097	4,068	3,164	2,633	1,948	1,446	873	707	74,489
	T	7,908	8,410	8,004	6,227	5,141	3,708	2,714	1,441	1,031	150,633

1) Regional Municipality.

2) Territorial District

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.5
Population by Sex and Age Group, Ontario, 1974–1979

Age Group	1974			1975			1976 ¹		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
'000's									
Total	8,054.1	4,001.9	4,052.2	8,172.2	4,055.9	4,116.4	8,264.5	4,096.9	4,167.6
0–4	630.6	323.5	307.1	624.2	320.4	303.8	607.2	311.7	295.5
5–9	693.0	354.9	338.1	675.4	345.9	329.5	667.8	342.0	325.9
10–14	817.2	418.8	398.3	816.8	418.5	398.4	798.8	409.3	389.5
15–19	772.5	392.5	380.3	787.2	400.8	386.4	808.0	412.7	395.3
20–24	704.6	350.2	354.4	727.9	360.8	367.0	744.4	368.3	376.1
25–29	670.4	335.0	335.4	696.3	347.5	348.8	715.8	356.4	359.5
30–34	543.3	274.8	268.5	566.4	285.9	280.6	586.4	295.7	290.8
35–39	474.5	240.2	234.4	482.1	243.7	238.3	490.0	247.3	242.7
40–44	478.0	244.4	233.7	476.1	242.6	233.5	474.6	240.8	233.8
45–49	472.0	236.4	235.6	472.6	238.0	234.6	471.9	239.0	233.0
50–54	446.6	218.9	227.7	457.3	223.5	233.8	465.0	227.1	237.9
55–59	344.8	168.6	176.2	353.3	172.0	181.4	369.4	179.0	190.4
60–64	309.8	150.3	159.5	321.2	155.2	166.0	326.3	157.5	168.8
65–69	245.3	112.9	132.4	251.3	116.0	135.2	260.9	120.6	140.4
70–74	187.3	82.3	104.9	192.5	84.4	108.1	197.3	86.4	110.9
75–79	128.5	50.6	77.9	132.5	52.4	80.0	137.0	54.4	82.7
80–84	79.3	29.2	50.1	80.8	29.2	51.6	83.0	29.7	53.3
85–89	39.6	13.3	26.3	40.6	13.5	27.1	41.5	13.5	28.0
90 +	16.8	5.2	11.6	17.8	5.5	12.3	19.3	5.9	13.4

Table 2.5 (cont'd)

Age Group	1977 ³			1978 ³			1979 ²		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
'000's									
Total	8,355.0	4,137.1	4,217.9	8,444.3	4,177.0	4,267.3	8,503.3	4,201.9	4,301.4
0–4	603.8	309.4	294.3	603.3	308.8	294.4	604.5	309.3	295.2
5–9	657.2	337.1	320.1	650.5	334.0	316.5	638.3	327.6	310.8
10–14	776.8	398.1	378.7	743.5	380.9	362.7	709.0	363.2	345.8
15–19	820.7	419.9	400.8	833.5	426.8	406.8	837.7	429.1	408.7
20–24	764.7	379.2	385.4	784.5	390.9	393.6	798.5	400.4	398.1
25–29	708.8	351.6	357.2	712.4	352.0	360.3	718.5	354.0	364.6
30–34	627.9	315.6	312.3	655.4	328.3	327.1	673.1	336.0	337.1
35–39	503.1	253.3	249.8	523.8	263.6	260.2	542.5	272.5	270.0
40–44	472.9	239.4	233.5	470.6	237.6	233.0	473.2	238.5	234.6
45–49	471.9	239.5	232.4	473.5	240.6	232.8	472.9	239.9	233.0
50–54	464.1	227.5	236.7	463.5	228.0	235.6	461.1	228.1	233.0
55–59	390.8	188.5	202.3	413.9	198.9	215.0	433.5	208.0	225.6
60–64	328.2	157.5	170.7	328.0	156.6	171.3	327.4	155.2	172.2
65–69	271.7	125.9	145.8	280.0	129.9	150.2	288.2	134.0	154.2
70–74	202.8	88.1	114.7	208.7	90.3	118.4	215.1	92.8	122.3
75–79	141.4	56.6	84.8	146.8	59.0	87.9	151.9	61.3	90.6
80–84	85.3	30.2	55.2	87.3	30.7	56.7	90.5	31.6	59.0
85–89	42.9	13.7	29.2	44.2	14.1	30.1	45.1	14.3	30.8
90 +	20.1	6.0	14.1	20.9	6.1	14.8	22.3	6.3	16.0

1) Census figures (rounded).

2) Postcensal preliminary estimates.

3) Final Postcensal estimates.

Source: SC, *Revised Annual Estimates of Population, by Sex and Age Group, Canada and the Provinces*.
Estimated Population by Sex and Age Group for Canada and Provinces.

Table 2.6Population Projections¹, by Planning Regions and Counties², Ontario, Selected Years 1976–2001

	1976	1981	1986	1991	1996	2001
Ontario	8,264,465	8,730,886	9,174,574	9,560,847	9,861,955	10,085,465
Eastern Ontario	1,149,299	1,200,113	1,248,081	1,286,370	1,310,234	1,322,403
Dundas	18,507	17,104	15,674	14,167	12,491	10,627
Frontenac	108,052	112,953	117,141	120,034	121,461	121,826
Glengarry	19,270	19,055	19,003	18,930	18,639	18,161
Grenville	26,025	27,804	29,856	31,947	33,930	35,682
Hastings	105,837	111,104	116,726	121,788	125,593	128,287
Lanark	44,197	43,420	42,761	41,905	40,706	39,175
Leeds	52,579	54,436	56,442	58,301	59,716	60,699
Lennox & Addington	32,633	32,812	32,876	32,779	32,411	31,787
Ottawa-Carleton (R.M.)	520,533	553,226	582,089	604,576	619,782	629,315
Prescott	29,100	31,088	33,283	35,441	37,212	38,654
Prince Edward	22,559	23,083	23,655	24,212	24,516	24,618
Renfrew	89,099	89,049	89,143	88,733	87,096	84,522
Russell	19,735	22,864	26,206	29,697	33,078	36,281
Stormont	61,173	62,115	63,226	63,860	63,603	62,769
Central Ontario	5,050,849	5,374,382	5,676,251	5,941,179	6,156,446	6,325,563
Brant	99,099	105,800	112,694	119,245	124,988	129,852
Dufferin	28,528	36,157	44,283	52,835	61,433	69,796
Durham (R.M.)	247,473	282,496	318,843	355,393	390,212	422,353
Haldimand-Norfolk (R.M.)	89,252	93,325	97,666	101,819	105,298	108,060
Haliburton	10,795	11,891	13,138	14,415	15,660	16,847
Halton (R.M.)	228,497	261,026	295,098	329,594	362,260	392,002
Hamilton-Wentworth (R.M.)	409,490	423,784	436,027	444,504	448,376	448,331
Muskoka (D.M.)	36,691	39,759	43,177	46,613	49,838	52,789
Niagara (R.M.)	365,438	380,712	395,784	409,003	418,589	424,274
Northumberland	64,441	68,123	72,318	76,553	80,338	83,590
Peel (R.M.)	375,910	459,296	545,089	632,972	720,064	803,859
Peterborough	99,930	104,233	108,676	112,604	115,496	117,439
Simcoe	210,691	235,810	261,934	287,913	312,452	335,223
Toronto (M.M.)	2,124,291	2,088,174	2,019,188	1,915,633	1,783,179	1,632,823
Victoria	43,543	45,720	48,302	50,941	53,366	55,532
Waterloo (R.M.)	289,129	325,871	362,248	397,179	429,893	460,205
Wellington	123,736	143,206	163,403	183,606	203,007	221,393
York (R.M.)	203,915	268,999	338,383	410,357	481,997	551,195
Southwestern Ontario	1,247,176	1,309,486	1,372,638	1,430,200	1,477,314	1,514,000
Bruce	57,472	62,220	67,578	73,190	78,630	83,723
Elgin	69,092	71,730	74,584	77,389	79,839	81,723
Essex	310,362	326,256	342,032	356,420	368,199	377,317
Grey	72,176	78,043	84,644	91,500	98,059	104,058
Huron	56,007	57,033	58,540	60,088	61,334	62,179
Kent	106,130	110,563	115,053	119,003	121,943	123,979
Lambton	120,576	129,706	139,148	147,942	155,451	161,787
Middlesex	303,745	315,698	325,626	332,423	335,884	336,727
Oxford	85,337	91,782	98,560	105,136	111,148	116,450
Perth	66,279	66,455	66,873	67,109	66,827	66,057

Table 2.6 (cont'd)Population Projections¹, by Planning Regions and Counties, Ontario, Selected Years 1976–2001

	1976	1981	1986	1991	1996	2001
Northeastern Ontario						
Algoma	583,746	606,180	629,813	649,709	661,433	666,052
Cochrane	122,883	129,240	135,809	141,446	145,237	147,448
Manitoulin	96,825	98,104	99,251	99,650	98,728	96,666
Nipissing	10,893	11,068	11,442	11,898	12,308	12,618
Parry Sound	81,739	86,843	92,457	97,741	101,791	104,728
Sudbury (R.M.)	32,654	32,856	33,285	33,747	33,881	33,791
Sudbury (T.D.)	167,705	176,831	185,816	193,231	198,088	200,871
Timiskaming	27,287	27,517	27,855	28,072	27,930	27,418
	43,760	43,721	43,898	43,924	43,470	42,513
Northwestern Ontario						
Kenora	233,395	240,725	247,791	253,389	256,528	257,447
Rainy River	57,980	56,567	54,906	52,850	50,191	46,869
Thunder Bay	24,768	23,907	23,062	22,086	20,800	19,324
	150,647	160,251	169,823	178,453	185,537	191,254

1) Projections based on the following assumptions: low fertility; 30,000 net external migration per annum; internal migration at 0.54 per cent of Ontario population.

2) R.M. – Regional Municipality, D.M. – District Municipality, M.M. – Metropolitan Municipality, T.D. – Territorial District.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.7Population Projections¹, by Age Groups, Ontario, Selected Years 1976–2001

Age Groups	1976 ¹	1981 ¹	1986 ¹	1991 ¹	1996 ¹	2001 ¹
Ontario	8,264,465	8,730,886	9,174,574	9,560,847	9,861,955	10,085,465
0–4	607,205	604,124	617,906	599,533	554,221	517,628
5–9	667,815	618,519	615,523	629,411	611,245	566,222
10–14	798,760	677,827	628,561	625,613	639,498	621,370
15–19	807,990	806,602	685,971	636,833	633,930	647,775
20–24	744,365	827,080	825,736	705,594	656,646	653,790
25–29	715,820	770,887	853,255	851,935	732,274	683,564
30–34	586,450	733,364	788,376	870,388	869,158	749,999
35–39	489,990	594,757	740,928	795,696	877,286	876,030
40–44	474,550	492,658	596,542	741,472	795,818	876,655
45–49	471,910	472,212	490,225	592,793	735,794	789,580
50–54	465,005	464,397	464,806	482,622	583,080	723,066
55–59	369,375	451,090	450,624	451,086	468,477	565,626
60–64	326,305	352,038	429,483	428,985	429,594	446,367
65–69	260,930	300,949	325,460	396,770	396,339	397,196
70–74	197,270	228,720	264,019	286,617	349,566	349,200
75–79	137,020	160,966	187,262	216,587	236,506	288,892
80–84	82,955	100,948	118,893	139,061	161,307	177,708
85+	60,750	73,748	91,004	109,851	131,216	154,797

1) Projections based on the following assumptions: low fertility; 30,000 net external migration per annum.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.8

Population by Marital Status and Sex, Ontario, Census Years, 1956-1976

	1956	1961	1966	1971	1976
Total	5,404,933	6,236,092	6,960,870	7,703,105	8,264,465
Male	2,721,519	3,134,528	3,479,149	3,840,905	4,096,865
Female	2,683,414	3,101,564	3,481,721	3,862,200	4,167,600
Married ¹	2,603,001	2,942,513	3,216,166	3,645,855	4,052,515
Male	1,304,392	1,472,841	1,605,648	1,821,220	2,019,495
Female	1,298,609	1,469,672	1,610,518	1,824,635	2,033,020
Separated ¹	..	..	..	144,110	160,700
Male	..	..	..	63,020	68,590
Female	..	..	..	81,095	92,110
Widowed	268,709	291,767	326,050	358,235	395,490
Male	67,576	68,757	67,356	68,340	68,285
Female	201,133	223,010	258,694	289,890 ^r	327,210
Divorced	14,598	21,776	25,731	70,095	110,355
Male	5,529	8,548	9,433	28,215 ^r	41,820
Female	9,069	13,228	16,298	41,875 ^r	68,535
Never Married	2,518,625	2,980,036	3,392,923	3,628,920	3,706,100
Male	1,344,022	1,584,382	1,796,712	1,923,130	1,967,265
Female	1,174,603	1,395,654	1,596,211	1,705,795	1,738,840

1) "Separated" are included in "married".

Source: SC, *Population, Marital Status*.

Table 2.9
Population by Marital Status, by County, Ontario, 1971 and 1976

	1971				
	Total ⁷	Married ¹	Widowed	Divorced	Never Married
Ontario	7,703,105	3,645,860	358,230	70,095	3,628,920
Algoma	121,940	54,555	4,475	935	61,970
Brant	96,765	46,470	5,185	860	44,245
Bruce	47,385	22,055	2,885	220	22,220
Cochrane	95,835	41,320	3,660	390	50,465
Dufferin	21,200	10,130	1,040	115	9,915
Dundas	17,460	8,295	980	60	8,120
Durham	47,490	22,610	2,055	305	22,520
Elgin	66,610	31,805	4,000	650	30,155
Essex	306,395	144,165	15,695	3,210	143,325
Frontenac	101,695	47,200	4,780	1,150	48,555
Glengarry	18,480	7,890	980	50	9,555
Grenville	24,315	11,555	1,350	165	11,245
Grey	66,405	31,975	3,950	385	30,095
Haldimand	32,675	15,210	1,685	170	15,605
Haliburton	9,080	4,680	530	60	3,810
Halton	190,465	93,175	5,480	1,205	90,605
Hastings	99,390	46,600	4,985	750	47,055
Huron	52,950	24,685	3,045	190	25,030
Kenora	53,230	23,260	1,975	255	27,740
Kent	101,115	47,390	5,315	805	47,605
Lambton	114,315	54,230	5,165	965	53,960
Lanark	42,255	18,775	2,630	265	20,585
Leeds	50,090	23,760	2,890	440	23,000
Lennox-Addington	28,360	13,405	1,350	200	13,405
Manitoulin	10,930	4,435	710	35	5,750
Middlesex	282,015	134,110	13,450	2,945	131,505
Muskoka ²	31,940	15,515	1,885	235	14,300
Niagara ³	347,330	167,375	16,780	2,820	160,355
Nipissing	78,865	34,165	3,235	425	41,050
Norfolk	54,100	26,135	2,905	435	24,620
Northumberland	48,160	22,895	2,675	365	22,235
Ontario	196,260	94,315	7,505	1,370	93,065
Ottawa-Carleton ⁴	471,930	213,540	20,760	4,220	233,415
Oxford	80,350	38,240	4,165	560	37,380
Parry Sound	30,245	14,225	1,840	175	14,005
Peel	259,405	126,980	6,710	1,635	124,075
Perth	62,975	29,495	3,605	360	29,510
Peterborough	87,805	41,530	4,655	765	40,855
Prescott	27,835	11,770	1,310	45	14,710
Prince Edward	20,640	9,840	1,190	135	9,475
Rainy River	25,750	11,705	1,125	135	12,785
Renfrew	90,875	40,325	4,215	370	45,965
Russell	16,285	6,790	720	30	8,740
Simcoe	171,435	79,685	8,455	1,370	81,920
Stormont	61,300	27,705	3,105	360	30,130
Sudbury	198,080	88,720	5,620	975	102,765
Thunder Bay	145,390	66,475	6,795	990	71,125
Timiskaming	46,485	20,650	2,415	270	23,150
Toronto ⁵	2,086,020	1,009,840	101,655	27,130	947,400
Victoria	34,240	16,730	2,185	205	15,120
Waterloo	254,040	122,130	10,320	2,095	119,495
Wellington	108,585	51,055	5,175	705	51,645
Wentworth	401,885	194,960	20,335	4,065	182,520
York ⁶	166,060	79,325	6,640	1,045	79,050

¹ Includes "Separated".

² District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

³ Regional Municipality, comprising the former counties of Lincoln and Welland.

Table 2.9(cont'd)

Population by Marital Status, by County, Ontario, 1971 and 1976

	1976				
	Total ⁷	Married ¹	Widowed	Divorced	Never Married
Ontario	8,264,465	4,052,515	395,490	110,355	3,706,100
Algoma	122,880	57,670	4,980	1,410	58,820
Brant	99,100	49,285	5,475	1,355	42,980
Bruce	57,475	28,415	3,080	345	25,630
Cochrane	96,825	44,235	4,065	590	47,930
Dufferin	28,525	14,345	1,165	205	12,820
Dundas	18,510	9,205	995	125	8,180
Durham	247,475	124,845	9,205	2,550	110,870
Elgin	69,095	34,135	4,080	905	29,975
Essex	310,360	150,025	17,245	4,720	138,380
Frontenac	108,055	52,095	5,125	1,755	49,080
Glengarry	19,270	8,920	1,075	110	9,165
Grenville	26,025	12,955	1,480	255	11,335
Grey	72,175	36,385	4,250	685	30,860
Haldimand - Norfolk	89,250	44,750	4,885	940	38,680
Haliburton	10,795	5,895	645	100	4,160
Halton	228,500	116,745	6,935	2,165	102,655
Hamilton - Wentworth	409,490	204,380	21,595	6,495	177,020
Hastings	105,835	52,450	5,545	1,315	46,525
Huron	56,010	27,555	3,125	370	24,965
Kenora	57,980	26,275	2,210	460	29,035
Kent	106,130	52,030	5,700	1,125	47,270
Lambton	120,575	60,005	5,380	1,490	53,705
Lanark	44,200	20,990	2,880	455	19,875
Leeds	52,580	26,160	3,035	750	22,635
Lennox - Addington	32,635	16,495	1,425	325	14,385
Manitoulin	10,895	4,665	715	60	5,460
Middlesex	303,745	148,550	14,835	4,720	135,640
Muskoka ²	36,690	18,855	2,050	455	15,325
Niagara ³	365,435	183,155	19,020	4,775	158,485
Nipissing	81,735	37,655	3,700	710	39,670
Northumberland	64,440	32,850	3,500	695	27,400
Ottawa-Carleton ⁴	520,530	246,070	23,240	7,445	243,780
Oxford	85,335	42,260	4,455	845	37,785
Parry Sound	32,655	16,400	1,940	300	14,020
Peel	375,910	190,525	9,770	3,980	171,630
Perth	66,280	32,400	3,680	515	29,690
Peterborough	99,930	50,085	5,275	1,310	43,265
Prescott	29,100	13,460	1,460	165	14,015
Prince Edward	22,560	11,295	1,240	220	9,805
Rainy River	24,765	11,680	1,230	220	11,635
Renfrew	89,100	42,190	4,505	630	41,770
Russell	19,735	9,280	775	90	9,590
Simcoe	210,690	104,670	10,105	2,315	93,600
Stormont	61,170	29,420	3,420	640	27,690
Sudbury(R.M.)	167,705	79,525	5,680	1,405	81,090
Sudbury(T.D.)	27,285	12,560	995	180	13,555
Thunder Bay	150,645	71,935	7,290	1,655	69,765
Timiskaming	43,760	20,505	2,610	450	20,195
Toronto ⁵	2,124,290	1,036,725	110,210	38,670	938,685
Victoria	43,545	22,780	2,500	430	17,835
Waterloo	289,130	143,620	11,925	3,435	130,150
Wellington	123,735	60,510	5,810	1,220	56,200
York ⁶	203,915	102,640	7,980	1,840	91,460

4) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

5) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation".

6) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

7) Figures may not add due to rounding methodology. Please see definitions.

Source: SC, Population, Marital Status.

Table 2.10

Population by Mother Tongue in Official Languages and Other, by County, Canada and Ontario, 1976

	English	French	Other ¹	Total
Canada	14,122,770	5,887,205	2,982,635	22,992,600
Ontario	6,457,645	462,070	1,344,750	8,264,465
Algoma	95,790	10,825	16,265	122,880
Brant	87,745	1,090	10,265	99,100
Bruce	53,735	750	2,985	57,470
Cochrane	42,155	46,355	8,315	96,825
Dufferin	26,415	240	1,875	28,530
Dundas	17,010	695	800	18,505
Durham	218,010	4,215	25,245	247,470
Elgin	60,610	665	7,815	69,090
Essex	234,615	21,795	53,950	310,360
Frontenac	96,710	2,165	9,175	108,050
Glengarry	10,700	7,835	735	19,270
Grenville	23,925	670	1,430	26,025
Grey	67,970	305	3,905	72,180
Haldimand-Norfolk	77,450	1,350	10,450	89,250
Haliburton	10,310	80	405	10,795
Halton	198,960	4,035	25,505	228,500
Hamilton-Wentworth	324,160	6,730	78,600	409,490
Hastings	99,795	1,555	4,485	105,835
Huron	52,420	435	3,155	56,010
Kenora	39,290	1,985	16,705	57,980
Kent	92,160	5,060	8,910	106,130
Lambton	107,380	3,440	9,755	120,575
Lanark	42,245	650	1,300	44,195
Leeds	49,260	865	2,455	52,580
Lennox & Addington	31,050	400	1,185	32,635
Manitoulin	9,090	95	1,710	10,895
Middlesex	264,375	3,055	36,315	303,745
Muskoka	34,390	475	1,830	36,695
Niagara	288,550	16,120	60,770	365,440
Nipissing	53,340	24,385	4,015	81,740
Northumberland	60,840	590	3,015	64,445
Ottawa-Carleton	366,645	99,510	54,380	520,535
Oxford	76,190	895	8,255	85,340
Parry Sound	30,485	750	1,415	32,650
Peel	303,680	5,550	66,680	375,910
Perth	60,640	275	5,365	66,280
Peterborough	94,675	745	4,510	99,930
Prescott	5,595	22,850	655	29,100
Prince Edward	21,595	140	825	22,560
Rainy River	20,835	720	3,210	24,765
Renfrew	79,185	4,000	5,915	89,100
Russell	4,090	15,160	485	19,735
Simcoe	188,020	7,975	14,695	210,690
Stormont	39,730	18,830	2,615	61,175
Sudbury(R.M.)	97,805	49,690	20,210	167,705
Sudbury(T.D.)	15,595	9,980	1,710	27,285
Thunder Bay	114,565	6,435	29,645	150,645
Timiskaming	29,485	11,655	2,620	43,760
Toronto,				
Metropolitan	1,477,150	30,635	616,505	2,124,290
Victoria	41,375	280	1,890	43,545
Waterloo	233,355	4,175	51,600	289,130
Wellington	109,050	1,050	13,640	123,740
York	177,450	1,890	24,575	203,915

1) Includes Baltic Languages, Celtic Languages, Chinese, Japanese, Croatian, Serbian etc., Czech and Slovak, German, Greek, Indo-Pakistan, Inuit, Italian, Magyar (Hungarian), Native Indian, Netherlandic and Flemish, Polish, Portuguese, Russian, Scandinavian, Spanish, Ukrainian, Yiddish, and Not Stated, as in Table 2.11 for Ontario.

Table 2.11
Population by Mother Tongue and Sex, Ontario, 1976

Mother Tongue	Male	Female	Total ¹
English	3,187,490	3,270,155	6,457,645
French	226,180	235,890	462,070
Armenian	2,060	2,025	4,085
Bulgarian	660	460	1,125
Celtic Languages	1,360	1,440	2,800
Chinese	26,305	25,350	51,660
Croatian	7,805	7,255	15,060
Czech	5,915	5,075	10,985
Danish	3,610	3,005	6,615
Estonian	4,535	4,845	9,380
Finnish	9,510	10,865	20,380
Flemish	2,130	2,280	4,410
German	75,600	79,030	154,625
Greek	24,885	23,320	48,205
Icelandic	135	185	320
Indo-Pakistani	14,515	12,525	27,045
Inuit (Eskimo)	30	35	70
Iranian	360	230	590
Italian	161,200	148,615	309,810
Japanese	2,790	2,995	5,785
Lettish	4,255	4,345	8,600
Lithuanian	4,250	3,855	8,100
Magyar (Hungarian)	19,665	18,315	37,980
Native Indian	10,660	10,560	21,215
Netherlandic	31,845	30,075	61,920
Norwegian	915	765	1,680
Polish	28,960	28,090	57,050
Portuguese	44,510	43,985	88,495
Romanian	1,740	1,605	3,345
Russian	2,845	3,175	6,015
Semitic Languages	12,020	9,505	21,525
Serbian	1,790	1,510	3,295
Slovak	4,350	4,095	8,445
Slovenian	1,965	1,905	3,870
Spanish	11,705	11,540	23,240
Swedish	1,535	1,535	3,070
Turkish	955	765	1,715
Ukrainian	38,410	37,625	76,035
Yiddish	4,855	5,320	10,175
Yugoslav, N.O.S. ²	18,350	16,910	35,260
Other	11,440	13,230	24,670
Not Stated	82,780	83,295	166,080

1) Figures may not add due to rounding methodology. Please see definition.

2) Not Otherwise Stated (N.O.S.) includes also a number of Yugoslav Languages over and above the Croatian, Serbian and Slovenian designations.

Source: SC, *Population: Demographic Characteristics; Mother Tongue*, Catalogue 92-821 (Bulletin 2.2)

Table 2.12

Mother Tongue by Age Group¹, by County, Canada and Ontario, 1976

	English						
	Total	0-4	5-14	15-24	25-44	45-64	65 +
Canada	14,122,765	1,155,510	2,783,890	2,862,320	3,608,885	2,529,170	1,183,000
Ontario	6,457,645	505,755	1,245,830	1,286,305	1,669,050	1,192,475	558,230
Algoma	95,790	8,635	21,415	20,700	23,775	15,705	5,570
Brant	87,745	6,945	16,935	17,060	21,065	16,930	8,815
Bruce	53,735	4,735	10,210	9,670	12,760	9,770	6,590
Cochrane	42,155	4,185	9,435	9,010	10,275	6,600	2,660
Dufferin	26,415	2,525	5,705	4,280	7,375	4,135	2,400
Dundas	17,005	1,300	3,285	3,045	3,990	3,275	2,110
Durham	218,010	19,310	45,985	41,395	61,390	34,840	15,080
Elgin	60,615	4,890	11,730	10,875	14,315	11,675	7,125
Essex	234,610	20,175	49,415	48,505	56,190	40,615	19,720
Frontenac	96,710	6,720	17,070	21,020	25,130	18,200	8,580
Glengarry	10,700	750	2,090	1,950	2,220	2,160	1,535
Grenville	23,925	1,865	4,685	4,255	5,760	4,565	2,800
Grey	67,970	4,945	12,410	12,215	15,590	13,860	8,955
Haldimand-							
Norfolk	77,450	6,150	15,515	15,395	18,380	14,240	7,770
Haliburton	10,310	675	1,765	1,620	2,290	2,385	1,595
Halton	198,960	16,670	43,000	36,980	57,200	34,065	11,050
Hamilton-							
Wentworth	324,160	23,885	60,550	66,695	79,355	63,875	29,785
Hastings	99,800	7,395	19,160	19,420	24,160	19,750	9,915
Huron	52,420	4,230	10,240	9,735	11,500	10,180	6,545
Kenora	39,285	3,785	8,425	8,365	10,140	6,265	2,315
Kent	92,160	7,905	18,505	18,535	21,970	16,460	8,790
Lambton	107,380	8,870	20,955	22,315	25,915	20,275	9,045
Lanark	42,245	2,785	7,305	8,200	10,015	8,510	5,435
Leeds	49,260	3,465	8,865	8,950	11,895	10,160	5,935
Lennox-							
Addington	31,045	2,670	6,125	5,575	8,130	5,485	3,070
Manitoulin	9,090	730	1,930	1,550	1,880	1,725	1,275
Middlesex	264,370	20,375	48,625	54,620	68,320	48,380	24,050
Muskoka	34,390	2,440	5,940	6,270	8,010	7,285	4,445
Niagara	288,550	23,045	59,350	57,690	69,595	54,215	24,645
Nipissing	53,340	4,550	11,735	10,790	13,765	8,915	3,590
Northumberland	60,840	4,470	11,350	10,980	14,250	12,545	7,245
Ottawa-							
Carleton	366,645	25,705	66,575	77,510	101,150	69,035	26,670
Oxford	76,190	6,375	14,680	14,775	18,050	14,295	8,025
Parry Sound	30,485	2,105	5,825	5,330	6,905	6,465	3,855
Peel	303,680	29,890	68,570	56,180	94,850	42,720	11,480
Perth	60,640	4,805	11,505	11,915	13,730	11,655	7,025
Peterborough	94,675	6,705	17,020	18,080	22,930	20,000	9,935
Prescott	5,590	410	1,025	960	1,365	1,095	740
Prince Edward	21,600	1,415	3,865	4,030	4,815	4,760	2,705
Rainy River	20,840	1,920	4,485	4,315	4,740	3,795	1,575
Renfrew	79,185	6,185	15,985	16,430	19,020	14,465	7,095
Russell	4,090	405	910	710	1,295	505	265
Simcoe	188,020	15,735	36,300	35,685	47,580	33,995	18,720
Stormont	39,730	3,115	7,650	8,165	9,300	7,460	4,030
Sudbury(R.M.)	97,800	10,045	22,525	21,585	25,760	14,445	3,445
Sudbury(T.D.)	15,595	1,650	3,725	3,190	3,725	2,435	875
Thunder Bay	114,565	10,360	23,915	25,575	28,590	19,290	6,835
Timiskaming	29,485	2,355	5,955	5,900	6,645	5,625	3,010
Toronto	1,477,150	97,995	253,650	297,575	393,950	296,160	137,815
Victoria	41,375	3,000	7,255	7,060	9,565	8,750	5,730
Waterloo	233,350	20,590	46,340	49,405	62,175	38,435	16,405
Wellington	109,045	9,010	21,150	22,090	27,420	18,810	10,565
York	177,455	14,900	37,225	32,150	48,930	31,260	13,000

Table 2.12 (cont'd)Mother Tongue by Age Group¹, by County, Canada and Ontario 1976

	French						
	Total	0-4	5-14	15-24	25-44	45-64	65 +
Canada	5,887,205	413,790	1,046,265	1,223,080	1,662,590	1,101,400	440,080
Ontario	462,070	27,585	75,825	89,290	136,030	96,500	36,835
Algoma	10,825	650	2,040	2,040	3,300	2,150	650
Brant	1,085	40	120	165	360	330	70
Bruce	745	50	115	135	305	120	15
Cochrane	46,355	3,825	10,030	9,875	11,995	7,740	2,890
Dufferin	240	15	15	45	115	45	10
Dundas	695	30	110	105	220	175	50
Durham	4,215	145	555	635	1,775	910	190
Elgin	660	30	60	75	270	175	60
Essex	21,795	830	2,600	2,975	5,710	6,170	3,495
Frontenac	2,170	95	200	480	840	455	110
Glengarry	7,840	605	1,595	1,425	1,845	1,580	795
Grenville	670	20	75	100	240	185	50
Grey	300	10	25	40	115	80	35
Haldimand- Norfolk	1,350	55	130	180	490	355	150
Haliburton	80	5	10	10	20	30	5
Halton	4,035	245	540	655	1,640	835	125
Hamilton- Wentworth	6,730	255	810	1,160	2,335	1,700	470
Hastings	1,555	60	130	245	630	355	130
Huron	435	5	35	65	125	145	65
Kenora	1,980	100	260	300	685	480	165
Kent	5,055	185	565	765	1,340	1,420	780
Lambton	3,440	120	390	535	1,180	960	260
Lanark	650	25	60	80	245	170	75
Leeds	865	30	65	115	325	230	100
Lennox- Addington	400	25	30	65	165	95	20
Manitoulin	90	-	15	15	30	20	10
Middlesex	3,055	65	225	510	1,205	800	245
Muskoka	475	5	20	50	150	155	90
Niagara	16,120	795	2,450	3,010	4,920	3,925	1,020
Nipissing	24,385	1,625	4,965	4,790	6,145	4,750	2,115
Northumberland	590	10	45	90	215	170	60
Ottawa- Carleton	99,515	5,400	15,145	20,795	29,035	20,785	8,345
Oxford	895	50	80	145	340	210	75
Parry Sound	750	15	60	65	205	290	130
Peel	5,550	310	590	830	2,720	960	150
Perth	275	5	10	55	105	70	25
Peterborough	745	20	40	115	245	225	100
Prescott	22,855	1,665	4,575	4,750	5,570	4,245	2,040
Prince Edward	135	-	15	20	55	45	5
Rainy River	720	20	60	90	190	230	120
Renfrew	4,000	135	460	675	1,130	1,115	485
Russell	15,160	1,245	3,180	2,945	4,015	2,470	1,305
Simcoe	7,970	325	1,020	1,805	2,330	1,685	805
Stormont	18,830	1,090	3,195	3,590	4,795	4,210	1,945
Sudbury(R.M.)	49,690	3,980	10,090	10,700	13,830	8,540	2,545
Sudbury(T.D.)	9,975	760	2,150	1,865	2,530	1,970	705
Thunder Bay	6,435	345	950	1,180	1,940	1,580	440
Timiskaming	11,655	865	2,420	2,305	2,955	2,185	930
Toronto	30,630	1,070	2,740	5,345	12,070	7,395	2,005
Victoria	275	-	25	35	95	75	40
Waterloo	4,175	215	465	805	1,680	845	175
Wellington	1,050	50	100	220	400	215	70
York	1,890	70	195	225	865	445	100

Table 2.12 (cont'd)**Mother Tongue by Age Group¹, by County, Canada and Ontario, 1976**

	Other than English or French ²						
	Total	0-4	5-14	15-24	25-44	45-64	65 +
Canada	2,982,635	162,695	334,030	393,660	946,080	766,900	379,265
Ontario	1,344,750	73,870	144,920	176,760	461,725	343,615	143,855
Algoma	16,265	715	1,760	2,005	4,880	5,085	1,805
Brant	10,270	400	795	1,160	3,240	3,185	1,485
Bruce	2,995	120	250	305	990	805	520
Cochrane	8,315	435	910	1,035	1,960	2,380	1,595
Dufferin	1,870	60	150	200	790	500	165
Dundas	810	25	45	75	300	275	100
Durham	25,245	955	2,035	2,775	9,200	7,775	2,525
Elgin	7,815	490	990	970	2,440	2,015	905
Essex	53,955	2,800	5,635	6,640	16,120	14,255	8,500
Frontenac	9,175	460	895	1,460	3,330	2,230	800
Glengarry	730	20	55	115	185	250	95
Grenville	1,430	35	115	130	470	505	170
Grey	3,905	155	300	375	1,120	1,275	675
Haldimand-							
Norfolk	10,455	395	710	1,045	2,885	3,270	2,150
Haliburton	405	10	35	30	95	150	85
Halton	25,500	1,120	2,280	2,750	10,510	6,950	1,885
Hamilton -							
Wentworth	78,600	3,705	7,775	9,860	25,255	22,705	9,305
Hastings	4,480	160	375	570	1,560	1,295	530
Huron	3,150	110	215	290	1,045	1,015	470
Kenora	16,715	2,035	3,850	2,685	3,805	3,000	1,330
Kent	8,915	350	690	880	2,820	2,535	1,640
Lambton	9,760	355	765	1,050	3,610	2,870	1,095
Lanark	1,300	55	135	165	405	380	150
Leeds	2,455	90	175	295	860	725	295
Lennox -							
Addington	1,185	35	90	140	430	350	125
Manitoulin	1,715	150	390	375	345	280	170
Middlesex	36,320	1,640	3,170	4,860	13,335	9,635	3,680
Muskoka	1,825	70	110	125	520	650	335
Niagara	60,770	1,845	4,825	6,530	17,605	19,800	10,160
Nipissing	4,015	155	415	505	1,170	1,170	590
Northumberland	3,010	90	175	285	1,055	1,010	405
Ottawa -							
Carleton	54,375	3,120	5,625	7,660	20,985	12,625	4,360
Oxford	8,255	360	700	950	2,625	2,395	1,205
Parry Sound	1,420	35	110	120	365	470	295
Peel	66,680	4,705	7,790	8,120	30,260	12,230	3,565
Perth	5,365	245	505	585	1,720	1,525	790
Peterborough	4,505	145	380	565	1,495	1,405	500
Prescott	655	40	75	110	180	160	80
Prince Edward	825	20	45	65	295	285	125
Rainy River	3,210	190	430	355	675	960	625
Renfrew	5,910	175	455	590	1,570	1,905	1,230
Russell	485	35	55	85	180	100	40
Simcoe	14,700	590	1,245	1,700	5,190	4,080	1,910
Stormont	2,615	170	265	345	780	700	370
Sudbury(R.M.)	20,215	825	1,935	2,495	5,470	6,890	2,605
Sudbury(T.D.)	1,720	80	170	220	425	545	270
Thunder Bay	29,645	965	2,415	3,130	7,480	10,020	5,640
Timiskaming	2,620	60	145	240	505	895	760
Toronto	616,510	38,170	72,485	88,105	216,650	145,490	55,625
Victoria	1,895	75	165	200	640	605	230
Waterloo	51,605	3,015	5,930	7,115	16,855	12,305	6,370
Wellington	13,640	635	1,345	1,725	4,890	3,600	1,430
York	24,570	1,240	2,485	2,595	10,120	6,055	2,060

1) 12 age groups were combined to produce these figures.

2) The "Other than English or French" totals includes "Not Stated," persons who did not report a language as mother tongue. It should be noted that the "Not Stated" category includes persons who should have reported English or French as mother tongue.

Table 2.13

Population, by Selected Municipality, Ontario, Census Years, 1951-1976

	1951	1956	1961	1966 ¹	1971 ¹	1976 ³
Ontario	4,597,542	5,404,933	6,236,092	6,960,870	7,703,106	8,264,465
Toronto	675,754	667,706	672,407	664,584	712,786	633,318
North York (Borough)	85,897	170,110	269,959	399,534	504,150	558,398
Scarborough (Borough)	56,292	139,744	217,286	278,377	334,310	387,149
York (Borough)	101,582	117,553	129,645	134,674	147,301	141,367
East York (Borough)	64,616	69,642	72,409	74,200	104,784	106,950
Etobicoke (Borough)	53,779	103,621	156,035	219,542	282,686	297,109
Hamilton	208,321	239,625	273,991	298,121	309,173	312,003
Ottawa	202,045	222,129	268,206	290,741	302,341	304,462
London	95,343	101,693	169,569	194,416	223,222	240,392
Windsor	120,049	121,980	114,367	192,544	203,300	196,526
Mississauga	..	..	..	..	156,070	250,017
Kitchener	44,867	59,562	74,485	93,255	111,804	131,870
St. Catharines	37,984	39,708	84,472	97,101	109,722	123,351
Thunder Bay	66,108	77,600	90,490	96,548	108,411	111,476
Oshawa	41,545	50,412	62,415	78,082	91,587	107,023
Sudbury	42,410	46,482	80,120	84,888	90,535	97,604
Burlington	6,017	9,127	47,088	65,941	87,023	104,314
Sault Ste. Marie	32,452	37,329	43,088	74,594	80,332	81,048
Niagara Falls	22,874	23,563	22,351	56,891	67,163	69,423
Brantford	36,727	51,869	55,201	59,854	64,421	66,950
Oakville	6,910	9,983	10,366	52,793	61,483	68,950
Guelph	27,386	33,860	39,838	51,377	60,087	67,538
Kingston	33,459	48,618	53,526	59,004	59,047	56,032
Peterborough	38,272	42,698	47,185	56,177	58,111	59,683
Sarnia	34,697	43,447	50,976	54,552	57,644	55,576
North Bay	17,944	21,020	23,781	23,635	49,187	51,639
Cornwall	16,899	18,158	43,639	45,766	47,116	46,121
Welland	15,382	16,405	36,079	39,960	44,397	45,047
Brampton	8,389	12,587	18,467	36,264	41,211	103,459
Cambridge	..	..	..	..	64,794 ²	72,383

1) In years 1966 to 1971 selected municipalities underwent boundary changes. Please see Statistics Canada Catalogue 92-702 for description of boundary changes.

2) Figure adjusted to 1976 boundaries.

3) Selected municipalities underwent boundary changes.

Source: SC, *Population, Census Subdivisions (Historical)*.

Table 2.14
Population, by Census Metropolitan Area, Ontario, Selected Years, 1951 – 1978

				Ottawa- Hull	St. Catharines- Niagara				
Year	Hamilton	Kitchener	London			Sudbury	Thunder Bay	Toronto	Windsor
					'000's				
1951	260	...	122	282	...	...	...	1,117	158
1961	401	155	227	457	258	127	102	1,919	217
1966	457	192	254	529	285	137	108	2,290	238
1967	471	199	263	547	289	140	109	2,366	243
1968	480	206	270	561	293	144	110	2,435	248
1969	488	213	276	574	296	148	110	2,495	252
1970	494	221	281	590	300	152	111	2,567	255
1971 ¹	503	239	253	620	286	158	115	2,602	249
1972 ²	508	245	256	633	289	158	116	2,632	249
1973 ²	512	250	259	646	293	157	117	2,664	248
1974 ²	518	258	263	663	296	157	118	2,716	248
1975 ²	525	266	267	679	299	157	118	2,765	248
1976 ¹	529	272	270	693	302	157	119	2,803	248
1977 ³	533	276	272	709	304	156	120	2,833	247
1978 ^{3,p}	536	280	274	726	306	155	121	2,857	246

1) Census population.

2) Intercensal population estimates.

3) Postcensal population estimates.

Source: SC, *Estimates of Population for the Census Metropolitan Areas of Canada, (91-207)*

Table 2.15
Central City and Suburban Percentage Shares, by Census Metropolitan Area¹, Ontario,
Census Years, 1951–1976

	Central City Portion				Suburban Portion			
	1951	1961	1971	1976	1951	1961	1971	1976
Hamilton	79.8	68.3	62.0	58.9	20.2	31.7	38.0	41.1
Kitchener	47.1	48.9	49.3	48.5	52.9	51.1	50.7	51.5
London	71.8	74.8	78.0	88.9	28.2	25.2	22.0	11.1
Ottawa-Hull ²	64.8	58.7	50.2	43.9	35.2	41.3	49.8	56.1
St. Catharines- Niagara	32.2	33.6	36.2	40.9	67.8	66.4	63.8	59.1
Sudbury	70.6	62.9	58.2	62.2	29.4	37.1	41.8	37.8
Thunder Bay	96.6	96.7	96.7	93.5	3.4	3.3	3.3	6.5
Toronto	55.4	36.6	27.1	22.6	44.6	63.4	72.9	77.4
Windsor	..	81.1	78.6	79.4	..	18.9	21.4	20.6

1) Constant 1971 boundaries were used to compute the population in the CMAs and their component parts prior to 1971. Some 1971 CMAs were not CMAs prior to 1971.

2) The Central City portion of Ottawa-Hull is for Ottawa only; it does not include the Central City portion of Hull.

Source: SC, *Perspective Canada*.

Table 2.16

Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1951-1976

	1951			1956		
	Total	Urban	Rural	Total	Urban	Rural
Ontario	4,597,542	3,375,825	1,221,717	5,404,933	4,102,919	1,302,014
Algoma	64,496	45,786	18,710	82,059	60,364	21,695
Brant	72,857	57,480	15,377	77,992	61,593	16,399
Bruce	41,311	12,821	28,490	42,070	13,185	28,885
Cochrane	83,850	54,241	29,609	86,768	57,310	29,458
Dufferin	14,566	4,433	10,133	15,569	5,132	10,437
Dundas	15,818	5,239	10,579	16,978	5,716	11,262
Durham	30,115	13,031	17,084	35,827	16,787	19,040
Elgin	55,518	24,178	31,340	59,114	28,025	31,089
Essex	217,150	183,784	33,366	246,901	209,198	37,703
Frontenac	66,099	49,327	16,722	76,534	58,290	18,244
Glengarry	17,702	2,204	15,498	18,693	2,487	16,206
Grenville	17,045	6,788	10,257	20,563	8,644	11,919
Grey	58,960	25,980	32,980	60,971	27,666	33,305
Haldimand	24,138	7,905	16,233	26,069	8,818	17,249
Haliburton	7,670	-	7,670	8,012	-	8,012
Halton	44,003	31,031	12,972	68,297	47,877	20,420
Hastings	74,298	38,872	35,426	83,745	44,126	39,619
Huron	49,280	14,788	34,492	51,728	16,331	35,397
Kenora	39,212	16,393	22,819	47,156	20,826	26,330
Kent	79,128	38,229	40,899	85,362	41,668	43,494
Lambton	74,960	47,399	27,561	89,939	59,534	30,405
Lanark	35,601	20,872	14,729	38,025	21,862	16,163
Leeds	38,831	16,873	21,958	43,077	18,866	24,211
Lennox - Addington	19,544	3,897	15,647	21,611	4,273	17,338
Manitoulin	11,214	1,397	9,817	11,060	1,514	9,546
Middlesex	162,139	132,685	29,454	190,897	160,780	30,117
Muskoka ¹	24,713	8,975	15,738	25,134	8,914	16,220
Niagara ²	212,599	165,077	47,522	261,346	202,645	58,701
Nipissing	50,517	27,397	23,120	60,452	36,120	24,332
Norfolk	42,708	13,971	28,737	46,122	15,778	30,344
Northumberland	33,482	13,780	19,702	38,018	16,246	21,772
Ontario	87,088	59,251	27,837	108,440	75,287	33,153
Ottawa - Carleton ³	242,247	227,656	14,591	282,630	266,290	16,340
Oxford	58,818	29,309	29,509	65,228	33,471	31,757
Parry Sound	27,371	5,183	22,188	28,095	6,542	21,553
Peel	55,673	26,738	28,935	83,108	59,601	23,507
Perth	52,584	29,905	22,679	55,057	31,686	23,371
Peterborough	60,789	44,033	16,756	67,981	50,008	17,973
Prescott	25,576	8,674	16,902	26,291	11,900	14,391
Prince Edward	18,559	4,287	14,272	21,145	6,075	15,070
Rainy River	22,132	9,386	12,746	25,483	16,214	9,269
Renfrew	66,717	29,032	37,685	78,245	36,834	41,411
Russell	17,666	3,506	14,160	18,994	3,998	14,996
Simcoe	106,482	48,942	57,540	127,016	60,334	66,682
Stormont	48,458	27,694	20,764	56,452	43,024	13,428
Sudbury	109,590	83,082	26,508	141,975	112,815	29,160
Thunder Bay	105,367	79,236	26,131	122,890	96,885	26,005
Timiskaming	50,016	29,602	20,414	50,264	30,136	20,128
Toronto ⁴	...	...	...	...	...	...
Victoria	27,127	12,114	15,013	28,248	12,489	15,759
Waterloo	126,123	99,161	26,962	148,774	121,742	27,032
Wellington	66,930	41,568	25,362	75,691	48,729	26,962
Wentworth	266,083	258,117	7,966	316,238	305,775	10,463
York ⁵	1,176,622	1,134,516	42,106	1,440,601	1,392,509	48,092

Table 2. 16 (cont'd)

Urban and Rural Distribution of Population, by County, Ontario, Census Years 1941-1971

	1961			1966		
	Total	Urban	Rural	Total	Urban	Rural
Ontario	6,236,092	4,823,529	1,412,563	6,960,870	5,593,440	1,367,430
Algoma	111,408	81,496	29,912	113,117	..	..
Brant	83,839	63,635	20,204	90,945	69,529	21,416
Bruce	43,036	15,008	28,028	43,085	15,836	27,249
Cochrane	95,666	63,345	32,321	97,334	67,252	30,082
Dufferin	16,095	5,832	10,263	17,108	6,942	10,166
Dundas	17,162	5,633	11,529	17,106	5,787	11,319
Durham	39,916	18,617	21,299	44,549	21,967	22,582
Elgin	62,862	30,745	32,117	61,912	30,062	31,850
Essex	258,218	210,170	48,048	280,862	..	..
Frontenac	87,534	63,419	24,115	97,138	71,540	25,598
Glengarry	19,217	2,597	16,620	18,181	2,864	15,317
Grenville	22,864	9,269	13,595	23,429	9,305	14,124
Grey	62,005	30,023	31,982	62,592	30,972	31,620
Haldimand	28,197	9,454	18,743	30,020	11,327	18,693
Haliburton	8,928	-	8,928	7,768	-	7,768
Halton	106,967	94,946	12,021	151,924	..	..
Hastings	93,377	55,726	37,651	94,127	63,903	30,224
Huron	53,805	18,126	35,679	54,446	22,366	32,080
Kenora	51,474	24,754	26,720	53,995	26,902	27,093
Kent	89,427	50,816	38,611	96,466	..	..
Lambton	102,131	68,482	33,649	108,236	75,116	33,120
Lanark	40,313	23,026	17,287	41,212	23,810	17,402
Leeds	46,889	23,855	23,034	49,129	25,505	23,624
Lennox - Addington	23,717	4,500	19,217	25,202	6,648	18,554
Manitoulin	11,176	1,527	9,649	10,544	1,441	9,103
Middlesex	221,422	181,536	39,886	249,403	209,291	40,112
Muskoka ¹	26,705	9,193	17,512	27,691	9,644	18,047
Niagara ²	291,415	228,527	62,888	324,917	267,050	57,867
Nipissing	70,568	43,147	27,421	73,533	46,386	27,147
Norfolk	50,475	17,466	33,009	50,578	19,031	31,547
Northumberland	41,892	17,863	24,029	45,074	20,291	24,783
Ontario	135,895	107,727	28,168	170,818	139,652	31,166
Ottawa - Carleton ³	352,932	325,050	27,882	413,692	..	..
Oxford	70,499	36,225	34,782	76,018	42,236	33,782
Parry Sound	29,632	9,348	20,284	28,335	8,120	20,215
Peel	111,575	86,989	24,586	172,321	149,534	22,787
Perth	57,452	32,979	24,473	60,424	35,837	24,587
Peterborough	76,375	55,450	20,925	81,959	61,886	20,073
Prescott	27,226	12,780	14,446	27,155	13,313	13,842
Prince Edward	21,108	5,926	15,182	21,307	6,314	14,993
Rainy River	26,531	17,323	9,208	25,816	16,913	8,903
Renfrew	89,635	47,229	42,406	89,453	54,754	34,699
Russell	20,892	5,426	15,466	14,878	..	..
Simcoe	141,271	71,992	69,279	149,132	91,077	58,055
Stormont	57,867	43,639	14,228	59,550	45,766	13,784
Sudbury	165,862	118,405	47,457	174,546	..	..
Thunder Bay	138,518	110,920	27,598	143,673	115,955	27,718
Timiskaming	50,971	33,211	17,760	47,154	30,369	16,785
Toronto ⁴	..	..	..	1,881,691	..	..
Victoria	29,750	13,968	15,782	30,917	14,745	16,172
Waterloo	176,754	147,983	28,771	216,728	186,922	29,806
Wellington	84,702	55,097	29,605	94,177	66,072	28,105
Wentworth	358,837	324,341	34,496	383,175	..	..
York ⁵	1,733,108	1,688,788	44,320	136,328	..	..

1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

2) Regional Municipality, comprising the former counties of Lincoln and Welland.

3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County

Table 2.16 (cont'd)

Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1951-1976

	1971 ¹			1976		
	Total ⁶	Urban	Rural	Total ⁶	Urban	Rural
Ontario	7,703,105	6,301,055	1,402,050	8,264,465	6,708,520	1,555,945
Algoma	121,935	94,375	27,560	122,880	93,445	29,435
Brant	96,760	75,465	21,305	99,100	77,905	21,195
Bruce	47,385	18,365	29,020	57,475	22,755	34,720
Cochrane ⁷	95,880	66,395	29,485	96,825	69,085	27,740
Dufferin	21,200	10,770	10,430	28,530	16,045	12,480
Dundas	17,460	6,105	11,350	18,510	6,535	11,975
Durham ⁷	217,430	171,675	45,755	247,475	199,090	48,385
Elgin	66,610	33,120	33,490	69,090	35,210	33,880
Essex ⁷	306,395	245,600	60,800	310,360	243,190	67,170
Frontenac	101,690	74,565	27,125	108,050	78,625	29,430
Glengarry	18,480	3,240	15,240	19,270	3,495	15,775
Grenville	24,315	9,445	14,875	26,025	9,385	16,635
Grey	66,405	33,505	32,900	72,175	35,890	36,290
Haldimand- Norfolk ⁷	86,715	33,495	53,220	89,250	35,415	53,840
Haliburton	9,080	-	9,080	10,795	-	10,795
Halton ⁷	189,850	169,320	20,535	228,495	205,070	23,430
Hamilton- Wentworth ⁷	401,240	365,250	35,990	409,490	370,410	39,085
Hastings	99,395	67,680	31,710	105,835	70,090	35,745
Huron	52,950	20,495	32,455	56,005	21,390	34,615
Kenora	53,230	28,240	24,990	57,980	28,310	29,670
Kent ⁷	101,115	60,925	40,190	106,130	66,090	40,035
Lambton	114,315	80,050	34,265	120,580	81,095	39,480
Lanark	42,260	26,535	15,725	44,200	25,860	18,340
Leeds	50,095	27,345	22,745	52,580	27,390	25,190
Lennox- Addington	28,360	8,795	19,565	32,635	11,055	21,580
Manitowlin	10,930	1,565	9,365	10,895	1,475	9,415
Middlesex	282,015	241,235	40,780	303,745	260,370	43,375
Muskoka ¹	31,940	12,775	19,165	36,690	14,645	22,045
Niagara ²	347,330	304,120	43,210	365,440	319,885	45,555
Nipissing	78,865	58,335	20,530	81,740	60,675	21,065
Northumberland ⁷	59,225	29,495	29,735	64,440	31,220	33,225
Ottawa- Carleton ³	471,930	435,020	36,910	520,530	474,590	45,945
Oxford ⁷	80,405	46,885	33,525	85,335	49,960	35,380
Parry Sound	30,245	9,250	20,995	32,655	8,900	23,755
Peel ⁷	259,875	234,815	25,060	375,910	344,680	31,235
Perth	62,975	37,580	25,400	66,280	39,765	26,515
Peterborough ⁷	92,415	65,470	26,945	99,930	67,125	32,810
Prescott	27,830	13,810	14,020	29,100	13,840	15,260
Prince Edward	20,640	4,875	15,765	22,560	4,650	17,910
Rainy River	25,750	17,065	8,685	24,770	16,090	8,685
Renfrew	90,875	56,360	34,515	89,095	53,785	35,310
Russell	16,290	6,440	9,850	19,735	7,120	12,615
Simcoe ⁷	175,965	106,010	69,955	210,690	122,375	88,315
Stormont	61,300	47,115	14,185	61,170	46,120	15,050
Sudbury (R.M.)	169,050	142,830	26,220	167,705	144,425	23,280
Sudbury (T.D.)	29,030	10,410	18,620	27,290	10,255	17,030
Thunder Bay	145,390	123,525	21,865	150,645	126,740	23,910
Timiskaming ⁷	46,440	32,365	14,080	43,760	29,710	14,050
Toronto ^{4,7}	2,089,730	2,087,015	2,710	2,124,295	2,112,040	12,255
Victoria ⁷	36,640	15,880	20,760	43,545	16,260	27,285
Waterloo ⁷	254,680	229,665	25,015	289,125	262,925	26,210
Wellington ⁷	108,720	76,960	31,765	123,735	87,005	36,730
York ⁵	166,060	123,440	42,620	203,915	149,085	54,835

⁴ Metropolitan Municipality, comprising that part of the former York County previously known as "Toronto Metropolitan Corporation".⁵ Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".⁶ Figures may not add due to rounding methodology. Please see definition.⁷ Underwent boundary changes, 1971 figure based on 1976 boundary definition.

Source: SC, Population: Urban and Rural Distribution.

Table 2.17 Population Dependency Ratios and Median Age by Birthplace and Urban/Rural Residence, Ontario, Census Years, 1951-1971

Birthplace and Residence	Dependency Ratios ¹				Dependency Ratios ¹				Dependency Ratios ¹			
	Total Number	Child		Median Age	Total Number	Child		Median Age	Total Number	Child		Median Age
		Aged	1951			Aged	1961			Aged	1971	
	'000'				'000'				'000'			
Totals												
Total	4,598	0.419	0.135	30.30	6,236	0.540	0.137	28.25	7,703	0.455	0.133	27.28
Canadian Born	3,748	0.519	0.117	26.09	4,883	0.688	0.117	23.30	5,986	0.579	0.110	23.00
In Province	3,338	0.576	0.126	24.97	4,305	0.784	0.128	20.97	5,210	0.659	0.118	21.16
Not in Province	410	0.182	0.063	31.18	578	0.212	0.065	33.80	786	0.203	0.070	33.78
Foreign Born	850	0.075	0.197	47.59	1,353	0.144	0.187	41.10	1,707	0.115	0.196	40.09
Urban												
Total	3,251	0.376	0.130	31.13	4,824	0.511	0.133	28.95	6,349	0.436	0.130	27.58
Canadian Born	2,559	0.483	0.105	26.43	3,645	0.671	0.109	23.68	4,788	0.589	0.104	23.06
In Province	2,245	0.542	0.113	25.19	3,166	0.779	0.119	21.10	4,093	0.657	0.112	21.12
Not in Province	313	0.168	0.061	31.54	479	0.198	0.064	34.17	695	0.199	0.068	33.56
Foreign Born	692	0.063	0.203	48.16	1,179	0.142	0.188	41.01	1,562	0.118	0.192	39.59
Rural												
Total	1,346	0.534	0.151	27.87	1,413	0.645	0.150	25.29	1,354	0.550	0.149	25.53
Canadian Born	1,189	0.607	0.147	25.18	1,238	0.741	0.143	21.98	1,208	0.622	0.134	22.63
In Province	1,092	0.653	0.157	24.41	1,139	0.797	0.153	20.56	1,117	0.666	0.140	21.38
Not in Province	97	0.230	0.070	29.85	99	0.287	0.069	31.82	91	0.235	0.083	35.50
Foreign Born	158	0.128	0.171	44.89	175	0.160	0.184	41.76	146	0.092	0.241	44.94
Rural Farm												
Total	678	0.536	0.147	28.15	506	0.580	0.136	26.69	364	0.514	0.115	25.35
Canadian Born	602	0.601	0.147	25.60	444	0.669	0.137	23.13	325	0.592	0.111	21.68
In Province	574	0.623	0.151	25.12	427	0.696	0.141	22.19	313	0.613	0.113	20.90
Not in Province	27	0.255	0.090	31.61	17	0.190	0.075	37.64	12	0.193	0.069	40.22
Foreign Born	76	0.153	0.144	43.64	62	0.132	0.130	42.84	39	0.058	0.140	44.32
Rural Non-Farm												
Total	668	0.532	0.155	27.66	907	0.684	0.159	24.71	990	0.564	0.162	25.57
Canadian Born	587	0.612	0.147	24.84	794	0.784	0.147	21.47	884	0.634	0.143	22.91
In Province	518	0.688	0.164	23.73	712	0.864	0.161	19.82	804	0.687	0.151	21.53
Not in Province	69	0.221	0.062	29.33	82	0.309	0.068	30.78	79	0.242	0.085	34.75
Foreign Born	82	0.104	0.195	45.85	113	0.177	0.217	41.20	106	0.107	0.285	45.28

1) Child dependency ratio = Population aged 0-14/Population aged 15-64. Aged dependency ratio = Population aged 65+ /Population aged 15-64. Total dependency ratio = Sum of above-mentioned ratios.

Source: SC, Census Field, *Analytical and Technical Memorandum No. 9*.

Table 2.18**Population by Birthplace, Ontario, Census Years, 1951-1971**

	1951	1961	1971 ¹
Total	4,597,542	6,236,092	7,703,105
Canada	3,747,577	4,882,935	5,995,710
Newfoundland	19,124	26,935	59,585
Prince Edward Island	7,138	13,487	19,730
Nova Scotia	43,730	78,114	115,710
New Brunswick	32,027	55,770	81,210
Québec	154,134	196,211	251,980
Ontario	3,337,593	4,305,288	5,209,870
Manitoba	61,004	78,719	90,680
Saskatchewan	56,420	69,333	81,315
Alberta	19,017	30,176	42,815
British Columbia	17,124	27,833	39,270
Yukon and Northwest Territories	266	1,069	3,535
United Kingdom	433,391	501,073	517,495
Other Commonwealth and British Dependencies	8,347	23,778	36,350 ²
Australia	974	2,567	5,720
British West Indies	1,870	6,520	44,610 ³
India and Pakistan	1,279	3,083	19,720
South Africa	694	1,752	15,605 ³
Other	3,530	9,856	10,910
West Indies	..	..	44,610
Africa	..	..	15,605
United States	72,303	81,463	101,440
European Countries	323,289	722,595	910,570
Austria	9,927	24,134	17,640
Belgium	7,138	12,658	11,375
Czechoslovakia	15,492	18,878	24,065
Denmark	3,743	10,049	9,240
Finland	15,366	20,974	17,135
France	2,374	6,357	9,425
Germany	14,820	91,822	102,945
Greece	5,731	20,291	45,435
Hungary	17,747	37,288	38,050
Iceland	167	129	325
Italy	34,809	161,730	254,150
Netherlands	24,178	79,388	78,905
Norway	2,248	2,736	2,440
Poland	70,588	79,706	78,375
Republic of Ireland	10,292	16,644	21,935
Romania	7,317	10,964	10,530
Sweden	3,917	4,179	3,640
Switzerland	1,734	3,783	4,840
U.S.S.R.	60,334	75,616	70,610
Yugoslavia	13,904	33,596	55,850
Other	1,463	11,673	53,655
Asian Countries	10,457	18,635	51,390
China	5,581	9,999	18,735
Japan	2,244	2,503	3,720
Other	2,632	6,133	28,935
Other Countries	2,178	5,613	29,940

1) Figures may not add due to rounding methodology. Please see definitions.

2) Total includes Australia, India and Pakistan and Other.

3) 1971 Counts for British West Indies and South Africa are included in West Indies and Africa totals, respectively.

Source: SC, *Population, Birthplace*.

Table 2. 19
Population by Ethnic Group, Ontario, Census Years, 1951-1971

	1951	1961	1971 ¹
Total	4,597,542	6,236,092	7,703,105
British Isles	3,081,919	3,711,536	4,576,010
English	1,662,966	1,939,867	..
Irish	723,888	873,647	..
Scottish	658,594	835,590	..
Other	36,471	62,432	..
Other European	1,363,063	2,298,031	2,858,060
French	477,677	647,941	737,360
Austrian, n.o.s. ²	8,126	34,488	15,765
Belgian	11,592	22,142	19,955
Czech and Slovak	29,025	33,332	40,770
Finnish	29,327	39,906	38,515
German	222,028	400,717	475,320
Greek	7,248	29,062	67,025
Hungarian	28,182	59,427	65,695
Italian	87,622	273,864	463,095
Jewish	74,920	65,280	135,195
Lithuanian	8,871	16,200	15,365
Netherlands	98,373	191,017	206,940
Polish	89,825	149,524	144,115
Romanian	8,008	15,787	9,255
Russian	16,885	28,327	12,580
Scandinavian	37,430	63,653	60,225
Danish	7,943	22,586	19,075
Icelandic	1,371	2,313	2,680
Norwegian	10,938	15,144	20,590
Swedish	17,178	23,610	17,880
Ukrainian	93,595	127,911	159,880
Yugoslav	13,753	43,564	70,060
Other	20,576	55,889	120,945
Asian	22,138	39,277	96,385
Chinese	6,997	15,155	39,325
Japanese	8,581	11,870	15,600
Other	6,560	12,252	41,460
Other	130,422	187,248	172,660
Indian and Eskimo	37,388	48,074	63,175
Negro	6,926	11,062	18,200
Other and Unknown	86,108	128,112	91,285

¹ Figures may not add due to rounding methodology. Please see definitions.

² n.o.s. = not otherwise specified.

Source: SC, *Population, Ethnic Groups*.

Table 2.20

Population by Religious Denomination, Ontario, Census Years, 1951-1971

	1951	1961	1971 ⁶
Total	4,597,542	6,236,092	7,703,105
Adventist	4,236	6,389	9,215
Anglican	..	1,117,862	1,220,535
Baptist	212,467	250,343	283,400
Buddhist	2,040	3,320	5,610
Christian & Missionary Alliance	2,000	5,472	6,625
Christian, Reformed	..	40,950	54,660
Churches of Christ, Disciples	7,503	8,957	7,060
Confucian	848	826	370
Doukhobor	61	109	175
Free Methodist	6,761	11,034	13,190
Greek Orthodox ¹	48,684	83,565	134,465
Hutterite ²	..	..	260
Jehovah's Witnesses	11,485	23,921	67,710
Jewish	85,467	109,344	125,315
Lutheran	135,581	242,636	267,225
Mennonite ³	25,796	30,948	40,115
Mormon	9,249	14,326	16,810
Pentecostal	31,415	48,168	76,630
Presbyterian	439,072	491,436	540,035
Roman Catholic	1,142,140	1,873,110	2,568,695
Salvation Army	23,904	31,892	43,840
Ukrainian Catholic ⁴	39,600	46,804	56,730
Unitarian	1,188	7,318	9,220
United Church ⁵	1,320,366	1,640,564	1,682,820
Other	1,033,736	146,798	128,710
No Religion	13,943	..	343,685

1) Includes those denominations which observe the Greek Orthodox rite, such as Russian Orthodox, Ukrainian Orthodox and Syrian Orthodox.

2) 1951 and 1961 data are included in "Mennonite".

3) 1951 and 1961 data include "Hutterite".

4) Includes "Other Greek Catholic".

5) 1951 and 1961 data include Congregationalist and Methodist.

6) Figures may not add due to rounding methodology. Please see definitions.

Source: SC, *Population, Religious Denominations*.

Table 2.21**Registered Indian Population by Age and Sex, Canada and Ontario, 1972 – 1978**

		Total	0-4	5-14	15-24	25-44	45-64	65 +	Unstated
Canada									
1972	Total	264,680	38,592	79,366	53,033	55,457	26,429	11,161	642
	Male	134,885	19,590	40,018	26,522	28,745	13,950	5,938	122
	Female	129,795	19,002	39,348	26,511	26,712	12,479	5,223	520
1973	Total	270,494	37,780	81,041	55,418	57,325	26,983	11,386	561
	Male	137,838	19,145	40,937	27,710	29,726	14,195	6,010	115
	Female	132,656	18,635	40,104	27,708	27,599	12,788	5,376	446
1974	Total	276,436	36,906	82,414	58,016	59,374	27,439	11,739	548
	Male	140,860	18,825	41,668	28,939	30,759	14,402	6,151	116
	Female	135,576	18,081	40,746	29,077	28,615	13,037	5,588	432
1975	Total	282,762	35,944	83,506	61,040	61,572	28,108	12,402	190
	Male	143,822	18,218	42,287	30,333	31,792	14,722	6,448	22
	Female	138,940	17,726	41,219	30,707	29,780	13,386	5,954	168
1976	Total	288,938	35,110	84,092	64,278	63,796	28,861	12,608	193
	Male	146,662	17,771	42,602	31,888	32,800	15,077	6,502	22
	Female	142,276	17,339	41,490	32,390	30,996	13,784	6,106	171
1977	Total	295,898	35,203	84,615	67,239	66,167	29,542	12,939	193
	Male	149,863	17,812	42,860	33,264	33,843	15,401	6,661	22
	Female	146,035	17,391	41,755	33,975	32,324	14,141	6,278	171
1978	Total	302,749	35,264	84,607	70,148	69,004	30,299	13,241	186
	Male	153,039	17,801	42,966	34,630	35,151	15,703	6,766	22
	Female	149,710	17,463	41,641	35,518	33,853	14,596	6,475	164
Ontario									
1972	Total	57,768	6,740	15,804	11,868	13,095	7,029	2,964	348
	Male	29,340	3,372	7,951	5,999	6,792	3,623	1,513	90
	Female	28,428	3,368	7,773	5,869	6,303	3,406	1,451	258
1973	Total	59,405	6,702	16,010	12,430	13,702	7,191	3,031	339
	Male	30,135	3,383	8,095	6,239	7,110	3,688	1,531	89
	Female	29,270	3,319	7,915	6,191	6,592	3,503	1,500	250
1974	Total	60,576	6,608	16,137	12,907	14,192	7,217	3,183	332
	Male	30,711	3,369	8,147	6,421	7,379	3,691	1,616	88
	Female	29,865	3,239	7,990	6,486	6,813	3,526	1,567	244
1975	Total	61,621	6,358	16,200	13,474	14,714	7,316	3,484	75
	Male	31,160	3,244	8,167	6,696	7,595	3,733	1,711	14
	Female	30,461	3,114	8,033	6,778	7,119	3,583	1,773	61
1976	Total	63,191	6,394	16,283	14,071	15,313	7,471	3,582	77
	Male	31,890	3,262	8,194	7,024	7,828	3,816	1,752	14
	Female	31,301	3,132	8,089	7,047	7,485	3,655	1,830	63
1977	Total	64,576	6,352	16,241	14,675	15,940	7,623	3,666	79
	Male	32,507	3,255	8,166	7,289	8,113	3,873	1,797	14
	Female	32,069	3,097	8,075	7,386	7,827	3,750	1,869	65
1978	Total	65,966	6,392	16,176	15,204	16,556	7,812	3,747	79
	Male	33,079	3,240	8,169	7,507	8,397	3,927	1,825	14
	Female	32,887	3,152	8,007	7,697	8,159	3,885	1,922	65

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division

Table 2.22

Registered Indians by Location of Residence, Canada and Ontario, 1967 – 1978

	Canada					Ontario				
	On Reserve ¹	Off Reserve	Crown Land ²	Un-stated	Total	On Reserve ¹	Off Reserve	Crown Land ²	Un- Stated	Total
1967	159,345	50,300	21,242	15	230,902	31,797	16,534	3,397	3	51,731
1968	161,695	54,220	21,562	13	237,490	32,039	16,762	4,178	2	52,981
1969	162,108	59,345	22,563	8	244,024	31,479	18,135	4,457	1	54,072
1970	163,396	64,004	23,375	6	250,781	31,369	19,148	4,824	1	55,342
1971	166,006	69,100	22,507	6	257,619	32,154	19,774	4,624	1	56,553
1972	168,527	73,309	22,844	-	264,680	33,665	19,616	4,487	-	57,768
1973	170,445	76,943	23,106	-	270,494	34,172	20,666	4,567	-	59,405
1974 ³	176,457	74,537	25,442	-	276,436	35,820	19,979	4,777	-	60,576
1975	178,835	77,226	26,701	-	282,762	36,317	20,226	5,078	-	61,621
1976	181,869	79,301	27,768	-	288,938	37,648	20,399	5,144	-	63,191
1977	188,311	81,682	25,905	-	295,898	40,477	20,778	3,321	-	64,576
1978	191,837	87,976	22,936	-	302,749	42,456	21,618	1,892	-	65,966

1) On Reserve in this table refers to Registered Indian band members living on reserves administered by their own band and on reserves administered by other bands.

2) On Crown Land includes Registered Indian band members living on Crown Land settlements administered by their own band, some other bands and on Crown Land not administered by any band.

3) Due to a new band funding programme in 1974, four additional types of residence were created and some historical comparability with previous years was lost.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 2.23Enfranchisements¹ of Registered Indians, Canada and Ontario, 1963 – 64 to 1978 – 79

	Number Enfranchised Upon Application ²				Number Enfranchised following Marriage ³				Total Enfranchised	
	Canada		Ontario		Canada		Ontario		Canada	Ontario
	Adults	Children	Adults	Children	Women	Children	Women	Children		
1963-64	46	38	22	18	287	102	87	24	473	151
1964-65	46	34	23	17	480	176	133	52	736	225
1965-66	38	18	17	8	435	147	141	37	638	203
1966-67	31	22	18	10	457	148	121	29	658	178
1967-68	62	28	28	6	470	56	143	13	616	190
1968-69	37	20	18	10	531	197	141	25	785	194
1969-70	41	19	20	13	547	107	164	24	714	221
1970-71	25	12	17	12	517	98	139	23	652	191
1971-72	14	4	6	3	267	19	65	4	304	78
1972-73	7	-	4	-	-	-	-	-	7	4
1973-74	7	4	4	4	449	-	129	-	460	137
1974-75	1	-	-	-	590	-	170	-	591	170
1975-76	3	3	1	1	296	- ⁴	66	-	302	68
1976-77	2	2	1	-	13	-	4	-	17	5
1977-78	10	5	2	2	-	-	-	-	15	4
1978-79	3	-	1	-	-	-	-	-	3	1

1) On enfranchisement an Indian gives up his rights under the Indian Act.

2) Adult Indians enfranchised upon application together with their minor, unmarried children.

3) Indian women enfranchised following marriage to non-Indians together with their minor, unmarried children.

4) Minor unmarried children not enfranchised unless mother insists.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Births, Deaths and Immigration

Highlights

- **Births and Deaths** – The total fertility rate in Ontario dropped from 3,222 in 1951 to 1,729 in 1977. The highest 1978 birth rate in Ontario occurred in the Kenora county where there were 21.5 births per 1,000 population. The highest death rate per 1,000 population in Ontario for the same year occurred in Manitoulin county with a rate of 11.1. The natural increase rate per 1,000 population for Ontario in 1978 was 7.1

Live births in Ontario decreased 14.6 per cent from 141,610 in 1965 to 120,964 in 1978. 36.4 per cent of live births in 1978 occurred in the 25-29 age group of mothers. Infant mortality in Ontario has been generally decreasing in all categories (neonatal, post-neonatal, perinatal) from 1953 to 1977. For instance, the neonatal mortality rate per 1,000 live births has descended from 22.6 in 1950 to 15.7 in 1964 to 7.6 in 1977.

In 1977, of the total deaths in Ontario, 55.8 per cent were male and 44.2 per cent were female; of the number of single people who died, 60.8 per cent were male and 39.2 per cent were female; and of the number of married people who died 71.0 per cent were male and 29.0 per cent female. Of widowed and divorced persons who died in 1977, 31.5 per cent were male and 68.5 per cent were female.

In 1978, the major causes of death in Ontario were diseases of the circulatory system which accounted for 50.0 per cent of all deaths followed by neoplasms accounting for 22.4 per cent; accidents, poisoning and violence for 8.2 per cent, and diseases of the respiratory system for 6.5 per cent.

- **Immigration** – Of the 86,313 immigrants who came to Canada in 1978, 42,397 or 49.1 per cent selected Ontario as their intended destination. The largest group of those immigrants (15.3 per cent or 6,483) came from the United Kingdom. Of the immigrants to Ontario in 1977, 62.1 per cent intended to make Metro Toronto their final destination, in 1978 the corresponding figure was 61.7.

In 1978, of those workers who wished to settle in Ontario, 2,710 or 15.6 per cent listed their intended occupation to be in the clerical and related field; 1,959 or 11.3 per cent in the Product Fabricating, Assembling and Repairing field; 1,724 or 9.9 per cent in the Services field and 1,360 or 7.9 per cent in the Professional and Technical fields.

Definitions

Births – Infants born alive, i.e., excluding stillbirths.

Stillbirths – Fetal deaths of 20 or more weeks gestation, or have obtained a weight of 500 grams.

Deaths – Excludes stillbirths.

Infant: deaths under 1 year of age.

Neonatal: deaths under 28 days of age.

Post-neonatal: deaths between 4 weeks and one year of age.

Perinatal: fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

Natural Increase – Excess of births over deaths.

Rates – Age-specific fertility: birth rate per 1,000 women in the respective age group.

Total fertility rate: sum of age-specific fertility rates multiplied by 5.

General fertility: birth rate per 1,000 women 15–49 years.

Gross reproduction: average number of live daughters that would be born to a hypothetical female birth cohort if subjected to current age-specific fertility rates and assuming that mortality before age 50 is zero.

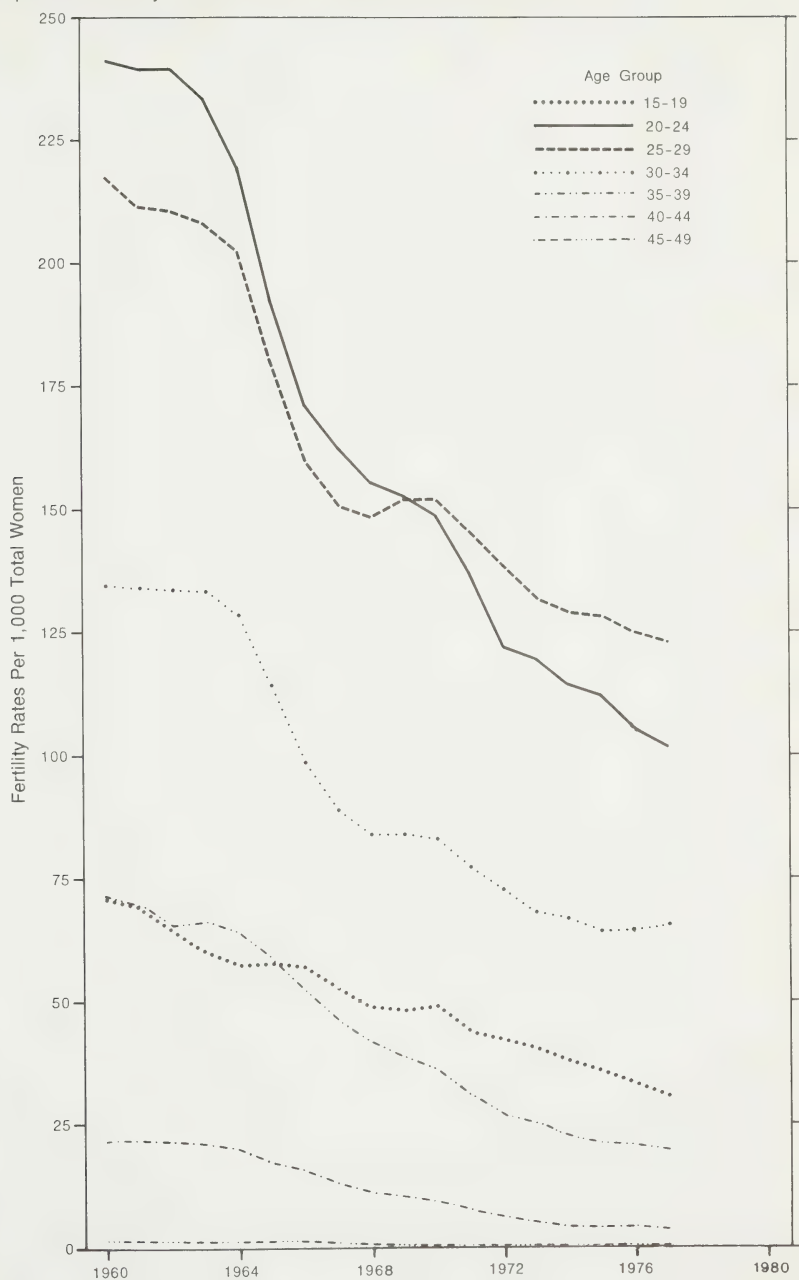
Total Births – Live births and stillbirths.

Age-Specific Death Rates – Number of deaths per 1,000 population in the respective age group.

Standardized (Age-Adjusted) Death Rates – Death rates adjusted for changes in the age composition of the population.

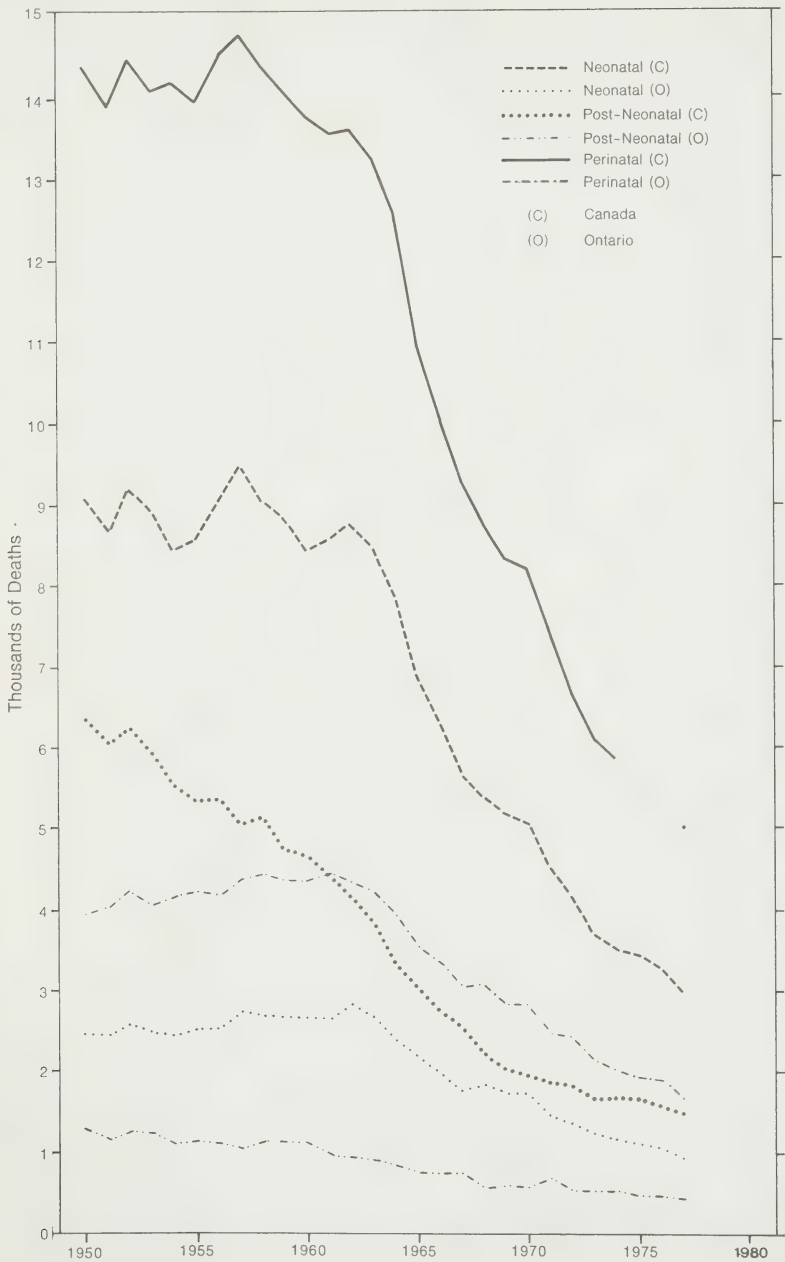
Graph 3.A

Age-Specific Fertility Rates, Ontario, Selected Years, 1960-1977



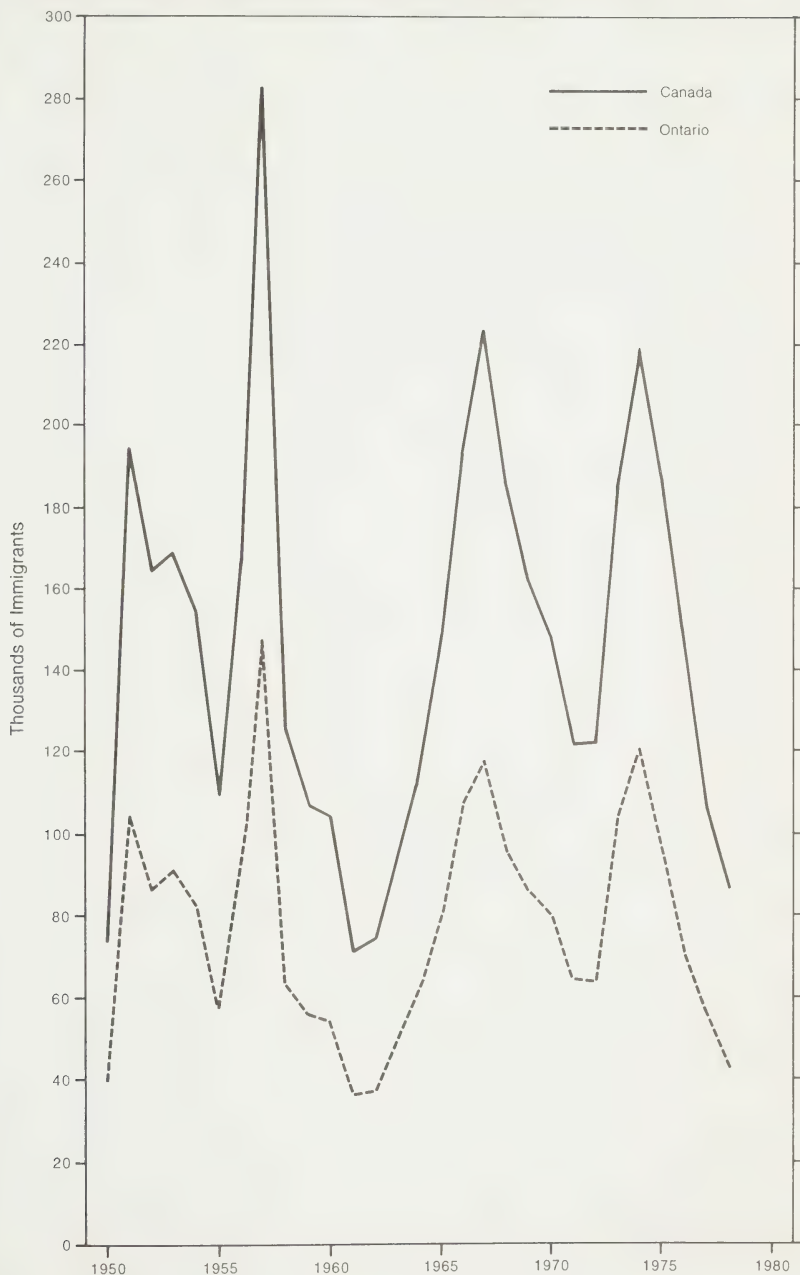
Refer to Table 3.1.

Graph 3.B
Infant Mortality, Canada and Ontario, 1950-1977



Graph 3.C

Immigration by Intended Destination, Canada and Ontario, 1950-1978



Refer to Table 3.14.

Table 3.1
Age-specific Fertility Rates, Ontario, Selected Years, 1951–1977

	Fertility rates per 1,000 total women by age groups							Total fertility rate	Gross reproduction rate	General fertility rate
	15–19	20–24	25–29	30–34	35–39	40–44	45–49			
1951	60.1	186.4	181.8	125.2	68.1	21.0	1.9	3,222	1.560	99.8
1956	66.9	225.8	205.7	135.6	73.2	22.6	1.6	3,657	1.780	110.1
1957	73.0	228.7	209.0	133.3	74.2	22.6	1.9	3,714	1.806	111.5
1958	70.6	228.8	208.3	133.0	72.8	20.9	1.7	3,680	1.785	109.8
1959	71.7	239.5	214.7	133.3	73.0	20.8	1.7	3,773	1.834	111.2
1960	70.9	241.2	217.1	134.7	71.7	21.6	1.5	3,793	1.841	110.8
1961	69.5	239.8	211.6	134.2	69.8	21.9	1.6	3,742	1.824	108.3
1962	64.5	239.9	210.5	133.9	65.6	21.9	1.4	3,689	1.796	105.6
1963	60.3	233.7	208.1	133.1	66.2	21.1	1.2	3,618	1.759	102.9
1964	57.8	219.7	202.4	128.6	64.6	20.4	1.6	3,475	1.686	98.6
1965	58.3	192.9	180.6	114.5	59.3	17.8	1.5	3,125	1.521	89.0
1966	57.4	171.3	160.2	98.8	52.8	16.2	1.3	2,790	1.361	80.3
1967	53.0	162.7	151.2	89.4	46.4	13.4	1.0	2,586	1.257	75.2
1968	49.2	155.2	148.8	84.4	41.9	11.7	1.0	2,461	1.198	72.4
1969	48.5	152.9	152.5	84.5	39.2	10.9	0.8	2,447	1.191	72.8
1970	49.4	148.5	152.2	83.3	36.4	9.8	0.6	2,401	1.168	72.8
1971	44.2	137.2	145.9	77.4	31.2	7.8	0.4	2,221	1.078	68.4
1972	42.7	122.2	138.6	72.8	27.2	6.4	0.3	2,051	0.993	64.1
1973	40.9	119.8	132.2	68.0	25.1	5.6	0.3	1,960	0.952	62.1
1974	38.3	114.6	129.4	66.9	22.5	4.8	0.3	1,884	0.915	60.6
1975	36.2	112.3	128.3	64.5	21.2	4.4	0.3	1,836	0.896	59.8
1976	33.4	105.6	124.6	64.6	20.6	4.3	0.3	1,767	0.865	57.3
1977	30.7	102.2	123.5	66.0	19.8	3.3	0.2	1,729	0.840	56.4

Source: SC, *Vital Statistics*, (84–204)

Table 3.2
Live Births by Age Groups of Mothers, Ontario, 1964-1978

Age Groups of Mothers										
	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 and over
Number of Births										
1964	152,729	86	15,283	47,438	41,909	28,093	15,116	4,513	291	
1965	141,610	72	16,320	43,953	38,057	25,030	13,796	4,105	274	3
1966	131,942	77	16,837	41,872	34,994	21,794	12,294	3,827	246	1
1967	127,509	79	16,324	42,680	34,418	19,873	10,717	3,223	194	1
1968	126,257	99	15,859	43,504	35,327	18,871	9,598	2,795	203	1
1969	130,398	96	16,079	45,517	37,972	19,043	8,926	2,583	181	1
1970	134,724	86	16,915	47,513	40,263	19,189	8,308	2,301	149	-
1971	130,395	88	15,455	46,558	40,948	18,273	7,161	1,814	98	-
1972	125,060	97	15,303	42,858	41,245	17,735	6,259	1,482	80	1
1973	123,776	108	15,156	41,044	42,854	17,481	5,759	1,306	68	-
1974	124,229	109	14,531	40,623	44,373	18,126	5,274	1,124	69	-
1975	125,775	111	14,039	41,195	45,836	18,432	5,068	1,029	64	1
1976	122,700	107	13,217	39,721	44,809	18,784	5,004	995	61	2
1977 ¹	122,757	81	12,342	39,515	44,343	20,703	4,957	771	45	-
1978	120,964	93	11,445	37,909	44,045	21,733	4,909	780	49	1
Percentage										
1964	100.0	0.05	10.0	31.1	27.4	18.4	9.9	3.0	0.2	-
1965	100.0	0.05	11.5	31.0	26.9	17.7	9.8	2.9	0.2	...
1966	100.0	0.05	12.8	31.8	26.5	16.5	9.3	2.9	0.2	...
1967	100.0	0.06	12.8	33.5	27.0	15.6	8.4	2.5	0.2	...
1968	100.0	0.08	12.6	34.5	28.0	14.9	7.6	2.2	0.2	...
1969	100.0	0.07	12.3	35.0	29.1	14.6	6.9	2.0	0.1	...
1970	100.0	0.06	12.6	35.3	29.9	14.2	6.2	1.7	0.1	-
1971	100.0	0.07	11.9	35.7	31.4	14.0	5.5	1.4	0.1	-
1972	100.0	0.07	12.2	34.3	33.0	14.2	5.0	1.2	0.1	...
1973	100.0	0.09	12.2	33.2	34.6	14.1	4.7	1.1	0.1	-
1974	100.0	0.08	11.7	32.7	35.7	14.6	4.3	0.9	0.1	-
1975	100.0	0.08	11.2	32.8	36.4	14.7	4.0	0.8	0.1	...
1976	100.0	0.08	10.8	32.4	36.5	15.3	4.1	0.8	0.04	...
1977	100.0	0.06	10.1	32.2	36.1	16.9	4.0	0.6	0.03	-
1978	100.0	0.07	9.5	31.3	36.4	18.0	4.1	0.6	0.03	...

¹ Percentage rates not computed for less than 10 live births.

Source: Office of the Registrar General.

Table 3.3

Births, Deaths and Natural Increase, by County, Ontario, 1978

	Births		Deaths		Natural Increase	
	Total	Rate per 1,000 Population	Total	Rate per 1,000 Population	Excess of Births Over Deaths	Natural Increase Rate per 1,000 Population
Ontario	120,964	14.3	61,116	7.2	59,848	7.1
Algoma	2,094	16.5	838	6.6	1,256	9.9
Brant	1,562	15.4	825	8.1	737	7.3
Bruce	1,008	17.0	545	9.2	463	7.8
Cochrane	1,560	16.4	744	7.8	816	8.6
Dufferin	488	15.5	221	7.0	267	8.5
Dundas	254	13.4	150	7.9	104	5.5
Durham	4,340	16.4	1,522	5.7	2,818	10.7
Elgin	1,021	14.8	623	9.0	398	5.8
Essex	4,688	14.8	2,606	8.2	2,082	6.6
Frontenac	1,537	13.5	808	7.1	729	6.4
Glengarry	245	12.2	205	10.2	40	2.0
Grenville	376	14.1	240	9.0	136	5.1
Grey	1,062	14.7	760	10.5	302	4.2
Haldimand-Norfolk	1,346	15.0	789	8.8	557	6.2
Haliburton	134	13.1	113	11.1	21	2.0
Halton	3,199	13.3	1,165	4.8	2,034	8.5
Hamilton-Wentworth	5,569	13.4	3,312	8.0	2,257	5.4
Hastings	1,572	14.9	898	8.5	674	6.4
Huron	853	15.4	517	9.3	336	6.1
Kenora	1,257	21.5	425	7.3	832	14.2
Kent	1,726	16.2	919	8.6	807	7.6
Lambton	1,942	15.8	945	7.7	997	8.1
Lanark	573	12.8	457	10.2	116	2.6
Leeds	693	13.0	447	8.4	246	4.6
Lennox-Addington	536	16.4	268	8.2	268	8.2
Manitoulin	184	16.8	121	11.1	63	5.7
Middlesex	4,413	13.9	2,228	7.0	2,185	6.9
Muskoka	478	12.6	396	10.5	82	2.1
Niagara	4,715	12.8	2,970	8.1	1,745	4.7
Nipissing	1,211	15.2	604	7.6	607	7.6
Northumberland	868	13.2	592	9.0	276	4.2
Ottawa-Carleton	6,770	12.7	3,432	6.4	3,338	6.3
Oxford	1,316	15.5	730	8.6	586	6.9
Parry Sound	410	12.9	328	10.4	82	2.5
Peel	7,416	17.6	1,565	3.7	5,851	13.9
Perth	1,063	16.0	588	8.9	475	7.1
Peterborough	1,323	13.3	910	9.1	413	4.2
Prescott	330	11.1	237	7.9	93	3.2
Prince Edward	260	12.0	201	9.2	59	2.8
Rainy River	408	16.7	223	9.1	185	7.6
Renfrew	1,237	14.1	757	8.6	480	5.5
Russell	396	18.9	173	8.3	223	10.6
Simcoe	3,168	14.4	1,676	7.6	1,492	6.8
Stormont	816	13.3	565	9.2	251	4.1
Sudbury District	446	16.9	161	6.1	285	10.8
Sudbury Reg. Munic.	2,507	15.4	972	6.0	1,535	9.4
Thunder Bay	2,322	15.5	1,287	8.6	1,035	6.9
Timiskaming	657	15.8	431	10.4	226	5.4
Toronto	28,246	13.3	14,919	7.0	13,327	6.3
Victoria	654	14.4	449	9.9	205	4.5
Waterloo	4,851	16.0	1,798	5.9	3,053	10.1
Wellington	1,839	14.0	931	7.1	908	6.9
York	3,025	13.9	1,530	7.0	1,495	6.9

Table 3.4
Births and Deaths, by Selected Municipality, Ontario, 1977 and 1978

1977	Live Births ¹			Deaths ²			Infant Deaths Total ²
	Male	Female	Total	Male	Female	Total	
Toronto	4,645	4,323	8,968	3,229	2,556	5,785	91
North York (Borough)	3,849	3,788	7,637	1,595	1,459	3,054	70
Scarborough (Borough)	2,918	2,796	5,714	1,163	1,136	2,299	52
Hamilton	2,204	2,129	4,333	1,434	1,190	2,624	51
Ottawa	1,781	1,576	3,357	1,282	1,163	2,445	25
Etobicoke (Borough)	1,815	1,651	3,466	1,118	945	2,063	54
London	1,804	1,711	3,515	903	776	1,679	47
Windsor	1,483	1,422	2,905	1,023	761	1,784	52
Mississauga	2,360	2,224	4,584	539	456	995	51
York (Borough)	1,163	1,073	2,236	541	487	1,028	27
Kitchener	1,204	1,148	2,352	449	385	834	24
St. Catharines	911	847	1,758	541	476	1,017	15
Thunder Bay	813	773	1,586	594	414	1,008	17
East York (Borough)	863	731	1,594	492	509	1,001	16
Oshawa	962	913	1,875	388	289	677	14
Sudbury	769	716	1,485	387	263	650	15
Burlington	736	642	1,378	278	233	511	8
Sault Ste. Marie	628	632	1,260	334	224	558	9
Niagara Falls	497	466	963	323	269	592	11
Cambridge	638	644	1,282	289	271	560	22
Brantford	555	526	1,081	339	297	636	19
Oakville	455	379	834	188	129	317	3
Guelph	513	515	1,028	244	238	482	13
Kingston	405	370	775	287	247	534	3
Peterborough	380	407	787	319	264	583	9
Sarnia	422	390	812	204	163	367	12
North Bay	381	354	735	198	144	342	6
Cornwall	357	308	665	256	186	442	11
Welland	340	301	641	207	144	351	11
Brampton	1,048	988	2,036	221	152	373	20

Table 3.4 (cont'd)

Births and Deaths, by Selected Municipality, Ontario, 1977 and 1978

1978	Live Births ¹			Deaths ²			Infant Deaths Total ²
	Male	Female	Total	Male	Female	Total	
Toronto	4,230	4,016	8,246	3,123	2,475	5,598	98
North York (Borough)	3,852	3,641	7,493	1,624	1,431	3,055	64
Scarborough (Borough)	2,867	2,709	5,576	1,220	1,117	2,337	65
Hamilton	2,151	2,103	4,254	1,511	1,203	2,714	52
Ottawa	1,634	1,658	3,292	1,294	1,230	2,524	40
Etobicoke (Borough)	1,670	1,670	3,340	1,073	917	1,990	41
London	1,832	1,714	3,546	959	785	1,744	37
Windsor	1,478	1,398	2,876	965	783	1,748	36
Mississauga	2,437	2,328	4,765	590	431	1,021	50
York (Borough)	1,042	1,025	2,067	539	450	989	21
Kitchener	1,160	1,113	2,273	491	352	843	20
St. Catharines	817	771	1,588	546	437	983	15
Thunder Bay	806	770	1,576	609	423	1,032	25
East York (Borough)	787	737	1,524	497	453	950	13
Oshawa	955	935	1,890	340	297	637	23
Sudbury	698	638	1,336	429	267	696	22
Burlington	715	700	1,415	277	222	499	16
Sault Ste. Marie	585	636	1,221	321	227	548	11
Niagara Falls	494	477	971	313	252	565	14
Cambridge	622	618	1,240	264	247	511	13
Brantford	561	567	1,128	311	260	571	14
Oakville	441	393	834	181	143	324	10
Guelph	519	451	970	240	208	448	8
Kingston	390	375	765	289	280	569	11
Peterborough	396	391	787	281	290	571	10
Sarnia	375	366	741	248	167	415	5
North Bay	381	372	753	198	171	369	9
Cornwall	310	288	598	239	188	427	6
Welland	314	287	601	227	159	386	6
Brampton	1,200	1,137	2,337	232	203	435	20

1) By place of residence of mothers.

2) By place of residence of deceased.

Source: Office of the Registrar General

Table 3.5**Standardized (Age-adjusted) Death Rates¹ by Sex, Canada and Ontario, 1950-1977**

	Canada			Ontario		
	Total	Male	Female	Total	Male	Female
1950	9.1	10.1	8.1	9.0	10.2	7.8
1951	9.0	10.0	8.0	8.7	9.9	7.6
1952	8.8	9.9	7.6	8.6	9.9	7.3
1953	8.6	9.8	7.5	8.5	9.8	7.3
1954	8.2	9.3	7.0	8.1	9.3	6.9
1955	8.2	9.4	6.9	8.0	9.4	6.7
1956	8.2	9.4	7.0	8.1	9.6	6.8
1957	8.3	9.6	6.9	8.2	9.7	6.8
1958	8.0	9.3	6.6	7.9	9.4	6.5
1959	8.0	9.3	6.7	8.0	9.5	6.6
1960	7.8	9.1	6.4	7.9	9.5	6.5
1961	7.6	9.0	6.3	7.6	9.2	6.2
1962	7.6	8.9	6.2	7.6	9.2	6.2
1963	7.6	9.0	6.2	7.6	9.4	6.1
1964	7.3	8.8	5.9	7.3	8.9	5.8
1965	7.3	8.8	5.9	7.4	9.1	5.8
1966	7.2	8.8	5.7	7.2	9.0	5.6
1967	7.1	8.7	5.6	7.1	9.0	5.5
1968	7.1	8.7	5.6	7.0	8.8	5.5
1969	7.0	8.6	5.5	6.9	8.7	5.4
1970	6.9	8.5	5.4	6.8	8.7	5.3
1971	6.7	8.4	5.2	6.6	8.4	5.0
1972	6.8	8.6	5.2	6.7	8.7	5.1
1973	6.8	8.5	5.1	6.8	8.6	5.1
1974	6.8	8.4	5.0	6.7	8.4	5.0
1975	6.5	8.3	4.9	6.4	8.3	4.8
1976	6.4	8.1	4.8	6.4	8.0	4.7
1977	6.3	7.9	4.7	6.3	7.9	4.7

¹ Standardized to Canada 1956 Census Population. Rates per 1,000 population.Source: SC, *Vital Statistics*, (84-206)

Table 3.6
Death Rates (Per 1,000 Population) by Sex and Age, Ontario, 1973-1977

	1973		1974		1975		1976		1977	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	8.5	6.6	8.4	6.5	8.3	6.4	8.4	6.3	8.3	6.4
Under 1 year ¹	15.4	12.7	14.3	12.5	14.4 ^f	11.2	13.7	10.9	11.9	10.6
1-4 years	0.7	0.6	0.7	0.6	0.6	0.5	0.7	0.5	0.6	0.5
5-9 years	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.2
10-14 years	0.4	0.2	0.4	0.2	0.4	0.3	0.3	0.2	0.4	0.3
15-19 years	1.5	0.5	1.4	0.5	1.4	0.4	1.2	0.4	1.2	0.4
20-24 years	1.8	0.6	1.5	0.5	1.5	0.5	1.5	0.4	1.6	0.4
25-29 years	1.2	0.6	1.2	0.5	1.2	0.5	1.2	0.5	1.2	0.5
30-34 years	1.3	0.8	1.3	0.8	1.3	0.7	1.3	0.6	1.2	0.6
35-39 years	2.2	1.3	2.1	1.1	2.0	1.1	1.9	1.1	1.9	1.1
40-44 years	3.3	1.9	3.2	1.9	3.1	1.8	3.1	1.6	2.9	1.9
45-49 years	5.7	3.1	5.7	3.2	5.3	3.1	5.3	2.9	5.5	3.0
50-54 years	9.0	4.8	9.1	4.6	9.2 ^f	4.6	9.0	4.4	8.6	4.5
55-59 years	15.0	7.8	14.7	7.2	14.5	7.1	14.0	6.8	14.1	7.1
60-64 years	23.6	11.2	23.0	11.6	22.4 ^f	10.6	21.9	10.5	22.3	10.5
65-69 years	35.7	17.0	35.8	17.2	34.6	17.7	34.6	16.0	34.0	16.7
70-74 years	54.5	27.9	55.2	28.1	53.1 ^f	28.0	53.6	26.4	52.5	26.4
75-79 years	81.9	47.8	81.4	47.0	80.2	46.3	79.5	44.3	77.9	42.5
80-84 years	128.9	82.0	127.6	81.4	127.8 ^f	77.2	123.3	77.5	117.8	76.3
85+ years	240.3	158.7	237.2	158.0	243.4	152.9	199.0	154.4	191.6	152.8

1) Per 1,000 live births.

Source: SC, *Vital Statistics*, (84-206)

Table 3.7
Deaths by Marital Status and Sex, Canada and Ontario, 1974-1977

Marital Status	1974		1975		1976		1977	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Total	166,794	60,556	167,404 ¹	60,604	167,009	60,645	167,498	61,425
Male	96,575	33,985	97,055 ¹	34,107	96,725	34,225	96,872	34,283
Female	70,129	26,571	70,349 ¹	26,497	70,284	26,420	70,626	27,142
Single	31,587	9,985	30,854 ¹	9,829	30,351	9,633	30,314	9,460
Male	20,276	6,086	19,724 ¹	6,026	19,523	5,953	19,379	5,753
Female	11,311	3,899	11,130 ¹	3,803	10,828	3,680	10,935	3,707
Married	81,072	29,642	80,106	29,783	80,680	29,637	81,959	30,545
Male	57,433	20,973	56,698	21,220	57,497	21,242	58,349	21,691
Female	23,639	8,669	23,408	8,563	23,183	8,395	23,610	8,854
Widowed and								
Divorced	53,738	20,763	52,692	20,836	53,987	21,199	53,526	21,272
Male	18,532	6,781	18,225	6,729	18,345	6,878	17,975	6,706
Female	35,206	13,982	34,467	14,107	35,642	14,321	35,551	14,566
Not Stated	397	166	3,752	156	1,991	176	1,699	148
Male	334	145	2,408	132	1,360	152	1,169	133
Female	63	21	1,344	24	631	24	530	15

1) Estimated.

Source: SC, *Vital Statistics*, (84-206)

Table 3.8
Infant Mortality, Canada and Ontario, 1950–1977

	Neonatal		Post-neonatal		Perinatal	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	9,097	2,454	6,362	1,297	14,375	3,949
1951	8,619	2,429	6,054	1,116	13,885	4,008
1952	9,164	2,562	6,244	1,227	14,468	4,240
1953	8,928	2,474	5,931	1,222	14,054	4,046
1954	8,415	2,415	5,519	1,102	14,165	4,153
1955	8,552	2,500	5,332	1,122	13,947	4,230
1956	9,065	2,509	5,334	1,101	14,507	4,199
1957	9,480	2,737	5,037	1,039	14,745	4,386
1958	9,055	2,698	5,123	1,103	14,384	4,419
1959	8,841	2,673	4,754	1,100	14,064	4,376
1960	8,410	2,644	4,667	1,101	13,778	4,328
1961	8,564	2,627	4,376	999	13,542	4,248
1962	8,783	2,682	4,158	939	13,598	4,324
1963	8,411	2,619	3,859	913	13,205	4,208
1964	7,831	2,402	3,338	853	12,539	3,962
1965	6,835	2,142	3,027	765	10,992	3,574
1966	6,253	1,956	2,707	713	10,004	3,326
1967	5,628	1,789	2,523	726	9,284	3,024
1968	5,376	1,832	2,207	564	8,727	3,091
1969	5,138	1,722	2,011	577	8,308	2,831
1970	5,017	1,711	1,984	560	8,192	2,845
1971	4,485	1,424	1,871	566	7,352	2,476
1972	4,117	1,392	1,821	516	6,672	2,405
1973	3,692	1,238	1,647	502	6,087	2,127
1974	3,506	1,163	1,686	503	5,835	2,039
1975	3,480 ¹	1,148	1,650 ¹	466	..	1,912
1976	3,290 ¹	1,040	1,557 ¹	475	..	1,883
1977	2,984	930	1,491	454	5,027	1,677

¹⁾ Estimated.

Source: SC, *Vital Statistics* (84-206)

Table 3.9
Infant Mortality Rates¹, Canada and Ontario, 1950-1977

	Neonatal		Post-neonatal		Perinatal	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	24.4	22.6	17.1	11.9	37.9	35.7
1951	22.6	21.2	15.9	9.7	35.8	34.3
1952	22.7	20.7	15.5	9.9	35.2	33.7
1953	21.4	19.1	14.2	9.4	33.1	30.7
1954	19.3	17.7	12.6	8.1	31.9	30.0
1955	19.3	17.9	12.0	8.1	31.0	29.9
1956	20.1	17.5	11.8	7.7	31.7	28.9
1957	20.2	18.1	10.7	6.9	31.0	28.7
1958	19.3	17.7	10.9	7.2	30.2	28.6
1959	18.4	17.0	10.0	7.0	28.9	27.5
1960	17.6	16.6	9.7	6.9	28.4	26.8
1961	18.0	16.7	9.2	6.3	28.1	26.6
1962	18.7	17.2	8.9	6.0	28.6	27.4
1963	18.1	16.9	8.2	5.9	28.0	26.8
1964	17.3	15.7	7.4	5.6	27.4	25.6
1965	16.3	15.1	7.3	5.4	26.0	25.0
1966	16.1	14.8	7.0	5.4	25.5	24.9
1967	15.2	14.0	6.8	5.7	24.7	23.5
1968	14.8	14.5	6.0	4.5	23.7	24.2
1969	13.9	13.2	5.4	4.4	22.3	21.5
1970	13.5	12.7	5.3	4.2	21.8	20.9
1971	12.4	10.9	5.2	4.3	20.1	18.8
1972	11.9	11.1	5.2	4.1	19.0	19.1
1973	10.8	10.0	4.8	4.1	17.6	17.0
1974	10.1	9.4	4.9	4.0	16.7	16.2
1975	9.7 ²	9.1	4.6 ²	3.7	..	15.1
1976	9.1 ²	8.5	4.3 ²	3.9	..	15.2
1977	8.3	7.6	4.1	3.7	13.8	13.6

1) Neonatal and post-neonatal, rates per 1,000 live births. Perinatal, rates per 1,000 total births (fetal deaths - still births - of 28 or more weeks gestation plus live births).

2) Estimated.

Source: SC. *Vital Statistics*, (84-206)

Table 3.10
Deaths by Cause, Canada and Ontario, 1974-1978

	1974		1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
All Causes	166,794	60,556	167,176	60,604	167,009	60,645	167,498	61,425	168,179	61,116
Infective and Parasitic Disease	1,119	285	1,035	310	1,016	306	1,021	269	987	292
Neoplasms	34,065	12,317	34,381	12,483	35,205	12,758	36,419	13,342	37,498	13,704
Endocrine, Nutritional and Metabolic Disease	3,889	1,278	3,885	1,258	3,702	1,294	3,719	1,255	3,655	1,307
Disease of Blood and Blood-Forming Organs	482	171	490	194	504	164	547	181	515	159
Mental Disorders	837	373	1,081	470	1,089	487	1,145	477	1,197	503
Disease of the Nervous System and Sense Organs	1,809	624	1,849	596	1,810	590	1,809	660	1,898	626
Diseases of the Circulatory System	82,162	31,377	80,903	30,873	81,679	31,054	81,474	31,447	80,484	30,586
Diseases of the Respiratory System	10,911	3,834	11,478	4,072	11,801	4,052	10,833	3,848	11,083	3,961
Diseases of the Digestive System	6,176	2,233	6,271	2,223	6,245	2,273	6,130	2,313	6,333	2,316
Diseases of the Genito-Urinary System	1,962	652	1,984	689	1,925	661	1,976	678	1,972	688
Complications of Pregnancy, Childbirth, and the Puerperium	35	12	27	6	24	10	18	7	23	8
Diseases of the Skin and Subcutaneous Tissue	110	32	132	48	111	51	123	54	103	49
Diseases of the Musculoskeletal System and Connective Tissue	615	188	562	181	573	195	541	184	523	165
Congenital Anomalies	1,718	552	1,635	516	1,595	509	1,585	481	1,632	507
Certain Causes of Perinatal Mortality	2,451	808	2,332	801	2,185	719	1,956	629	1,810	587
Symptoms and Illdefined Conditions	1,592	603	2,632	599	2,194	668	2,201	655	2,379	664
Accidents, Poisonings, and Violence (External Cause)	16,861	5,217	16,499	5,285	15,351	4,854	16,001	4,945	16,087	4,994

Source: SC, *Causes of Death*, (84:203)

Table 3.11
Death from Suicide and Self-inflicted Injury by Cause and Sex, Canada and Ontario, 1974-1978

Cause of Death		1974		1975		1976		1977		1978	
		Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Solid or Liquid Substances	M	252	130	248	120	264	119	305	146	318	145
	F	364	176	352	164	397	168	400	182	371	167
Barbituric Acid and Derivatives	M	60	36	63	35	51	21	45	25	66	29
	F	106	65	91	51	114	60	77	44	78	42
Salicylates and Congeners	M	16	8	13	8	12	6	11	7	20	10
	F	33	17	32	13	20	7	21	10	28	16
Psychotherapeutic Agents	M	20	10	20	11	18	3	20	9	15	4
	F	36	11	30	12	30	9	24	12	36	19
Other and Unspecified Drugs	M	94	43	77	30	101	41	134	54	138	61
	F	106	42	142	57	162	57	199	70	158	53
Strychnine	M	4	2	7	2	8	3	5	-	5	-
	F	3	-	2	1	3	-	2	-	3	1
Lye and Potash	M	-	-	2	-	3	3	2	1	-	-
	F	-	-	1	-	1	-	1	-	-	-
Other and Unspecified ¹	M	58	31	66	34	71	42	88	50	74	41
	F	80	41	54	30	67	35	76	46	68	36
Gases in Domestic Use	M	2	1	1	-	3	2	1	1	3	2
	F	-	-	-	-	-	-	1	1	-	-
Other Gases	M	194	81	178	69	205	74	221	70	243	102
	F	57	27	52	24	44	17	57	22	68	23
Motor Vehicle Exhaust Gas	M	188	78	167	68	193	69	205	63	226	93
	F	56	27	46	23	38	14	52	21	66	22
Other Carbon Monoxide	M	5	3	9	-	11	5	15	7	15	9
	F	1	-	5	1	6	3	5	1	2	1
Other and Unspecified	M	1	-	2	1	1	-	1	-	2	-
	F	-	-	1	-	-	-	-	-	-	-

Table 3.11 (cont'd)
Death from Suicide and Self-inflicted Injury by Cause and Sex, Canada and Ontario, 1974-1978

Cause of Death		1974		1975		1976		1977		1978	
		Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Hanging, Strangulation and Suffocation	M	420	160	398	160	387	160	487	172	569	167
	F	134	43	126	51	127	51	128	53	135	46
Submersion (Drowning)	M	106	40	75	26	80	19	98	27	115	32
	F	72	36	56	22	73	27	69	25	56	22
Firearms and Explosives	M	936	290	969	332	1,006	305	1,168	381	1,163	341
	F	85	24	84	25	89	31	103	31	124	24
Cutting and Piercing Instruments	M	33	16	25	8	32	12	39	14	43	14
	F	13	5	17	5	11	4	12	3	12	2
Jumping from High Places	M	98	34	92	43	84	31	82	34	95	53
	F	44	23	64	26	61	32	57	25	63	27
Other and Unspecified Means	M	60	32	43	18	45	16	58	19	61	29
	F	30	15	27	9	24	9	30	10	36	12
Late Effect	M	2	2	1	1	2	-	-	-	-	-
	F	-	-	-	-	1	-	1	-	-	-
TOTAL - Suicide and Self-inflicted Injury	M	2,103	766	2,030	777	2,108	738	2,459	864	2,610	885
	F	799	349	778	326	827	339	858	352	865	323

1) Includes Corrosive Aromatics, Arsenic and its Compounds, and Other and Unspecified solid or liquid substances.

Source: SC, Causes of Death, (84-203)

Table 3.12
Number of Suicides¹, by Selected City, Ontario, 1971-1978

	1971			1972			1973			1974		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Toronto	151	100	51	159	99	60	151	99	52	149	102	47
North York (Borough)	50	28	22	55	35	20	53	29	24	72	49	23
Scarborough (Borough)	36	25	11	34	18	16	35	25	10	54	39	15
Hamilton	37	29	8	45	32	13	38	25	13	38	28	10
Ottawa	37	20	17	55	32	23	54	40	14	53	37	16
Etobicoke (Borough)	38	26	12	37	18	19	32	22	10	26	17	9
London	37	25	12	34	25	9	23	16	7	42	25	17
Windsor	35	25	10	25	16	9	29	16	13	31	23	8
Mississauga	17	10	7	21	12	9	12	9	3	22	12	10
York (Borough)	17	11	6	17	11	6	15	9	6	10	6	4
Kitchener	22	16	6	15	9	6	15	10	5	6	6	-
St. Catharines	13	7	6	12	4	8	18	14	4	15	9	6
Thunder Bay	10	8	2	16	15	1	17	15	2	20	16	4
East York (Borough)	15	10	5	18	12	6	13	9	4	18	12	6
Oshawa	16	10	6	10	6	4	18	15	3	11	11	2
Sudbury	10	8	2	11	7	4	6	2	4	22	19	3
Burlington	6	4	2	9	6	3	6	2	4	14	5	9
Sault Ste. Marie	8	7	1	15	12	3	9	7	2	11	9	2
Niagara Falls	9	7	2	6	4	2	6	4	2	9	4	5
Brantford	7	5	2	11	9	2	5	3	2	8	5	3
Oakville	5	3	2	6	5	1	5	4	1	7	3	4
Guelph	8	8	-	7	5	2	7	5	2	9	6	3
Kingston	15	14	1	8	6	2	9	4	5	3	1	2
Peterborough	4	3	1	3	3	-	5	5	-	12	10	2
Sarnia	6	4	2	7	5	2	6	5	1	10	9	1
North Bay	6	5	1	5	4	1	6	5	1	4	4	9
Cornwall	4	4	-	4	2	2	3	2	1	9	7	5
Welland	13	9	4	2	1	1	3	1	2	11	6	5
Brampton	5	2	3	-	-	-	3	2	1	1	3	1
Cambridge ²	3	3	-	2	1	1	4	3	1	4	4	1

Table 3.12 (cont'd)
Number of Suicides¹, by Selected City, Ontario, 1971-1978

	1975 ²			1976			1977			1978		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Toronto	131	87	44	123	75	48	153	99	54	161	108	53
North York (Borough)	56	31	25	60	34	26	33	26	7	65	39	26
Scarborough (Borough)	38	27	11	48	25	23	33	26	7	47	35	12
Hamilton	51	35	16	45	33	12	51	35	16	45	37	8
Ottawa	51	31	20	55	42	13	45	34	11	42	28	14
Etobicoke (Borough)	39	24	15	39	29	10	45	26	19	50	30	20
London	29	18	11	31	25	6	35	25	10	32	27	4
Windsor	34	18	16	23	9	14	38	29	9	26	18	8
Mississauga	27	17	10	16	9	7	31	18	13	37	28	9
York (Borough)	12	10	2	20	15	5	21	15	6	24	13	11
Kitchener	14	9	5	12	7	5	15	12	3	20	19	1
St. Catharines	15	9	6	22	16	6	19	14	5	26	21	5
Thunder Bay	23	18	5	22	18	4	19	15	4	14	10	4
East York (Borough)	18	10	8	9	8	1	25	16	9	22	12	10
Oshawa	8	4	4	12	8	4	18	13	5	14	9	5
Sudbury	11	9	2	15	11	4	14	6	8	7	4	3
Burlington	11	7	4	8	4	4	10	7	3	15	8	7
Sault Ste. Marie	6	5	1	5	4	1	9	7	2	10	9	1
Niagara Falls	8	5	3	9	6	3	12	10	2	15	10	5
Brantford	7	7	-	4	2	2	5	3	2	8	6	2
Oakville	3	3	-	10	5	5	9	5	4	6	5	1
Guelph	6	5	1	11	8	3	12	8	4	7	5	2
Kingston	8	4	4	8	7	1	9	4	5	13	8	5
Peterborough	10	8	2	4	4	-	10	9	1	6	6	-
Simia	10	8	2	11	10	1	8	5	3	8	5	3
North Bay	7	6	1	4	3	1	7	5	2	15	12	3
Cornwall	8	5	3	11	10	1	11	9	2	6	4	2
Welland	11	9	2	5	4	1	7	4	3	2	2	2
Brampton	10	9	1	8	5	3	8	3	5	12	9	3
Cambridge ²	6	5	1	7	3	4	10	8	2	6	2	4

¹ Count of suicide by location of attending coroner.

² Galt became part of Cambridge in 1973. Figures for 1971 and 1972 are for Galt.

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Table 3.13

Suicides by Sex and Age Group, Ontario, 1970-1978

Year	Total	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	N.S.
1970																			
M	610	-	4	33	70	49	40	59	71	53	56	48	44	42	20	8	9	4	-
F	312	-	1	13	13	23	29	25	40	39	39	34	19	17	12	4	3	1	-
T	922	-	5	46	83	72	69	84	111	92	95	82	63	59	32	12	12	5	-
1971																			
M	757	-	1	53	81	65	46	60	91	82	79	71	60	26	21	11	5	4	1
F	311	-	2	10	23	17	30	24	32	44	43	31	25	15	9	3	3	-	-
T	1,068	-	3	63	104	82	76	84	123	126	122	102	85	41	30	14	8	4	1
1972																			
M	695	-	9	54	74	69	46	52	76	76	57	50	45	29	27	17	6	6	2
F	350	-	1	15	21	42	27	31	48	39	39	30	16	14	10	12	5	-	-
T	1,045	-	10	69	95	111	73	83	124	115	96	80	61	43	37	29	11	6	2
1973																			
M	679	1	4	41	77	59	40	65	63	70	61	56	49	41	24	19	5	3	1
F	305	-	1	9	17	37	24	30	26	41	26	28	27	17	12	3	5	2	-
T	984	1	5	50	94	96	64	95	89	111	87	84	76	58	36	22	10	5	1
1974																			
M	786	-	4	65	104	77	54	69	84	69	70	53	40	31	34	18	10	3	1
F	349	-	2	11	23	33	29	37	36	43	46	28	25	20	9	3	2	2	-
T	1,135	-	6	76	127	110	83	106	120	112	116	81	65	51	43	21	12	5	1
1975																			
M	777	1	7	68	105	87	47	59	70	64	72	59	47	35	25	15	14	2	-
F	326	1	-	17	25	40	20	30	33	36	43	23	22	26	3	5	1	1	-
T	1,103	2	7	85	130	127	67	89	103	100	115	82	69	61	28	20	15	3	-
1976																			
M	738	-	4	58	87	98	61	60	67	68	78	48	34	26	22	14	7	4	2
F	339	-	3	14	30	30	25	34	34	39	30	33	26	15	14	8	4	-	-
T	1,077	-	7	72	117	128	86	94	101	107	108	81	60	41	36	22	11	4	2
1977																			
M	864 ^r	1	5	66	139	105	70	70 ^r	62	79	72	53	39	42	27	19	7	7	1
F	352 ^r	-	4	23	21	31	22	25	29	47	39	31	27	26	12	8	4	2	1
T	1,216 ^r	1	9	89	160	136	92	95 ^r	91	126	111	84	66	68	39	27	11	9	2
1978																			
M	885	-	3	66	113	117	87	61	75	83	78	65	38	26	35	16	10	10	2
F	323	-	2	14	30	34	30	19	32	34	32	28	21	23	10	7	6	1	-
T	1,208	-	5	80	143	151	117	80	107	117	110	93	59	49	45	23	16	11	2

Source: Office of the Registrar General

Table 3.14**Immigration by Intended Destination, Canada and Provinces, 1950–1978**

	Canada	Ontario	New- found- land	Prince Edward Island	Nova Scotia	New Brun- swick	Québec	Mani- toba	Saskat- chewan	Alberta	British Colum- bia	Yukon N.W.T.
1950	73,912	39,041	204	164	1,167	663	13,575	3,654	2,896	6,425	6,091	32
1951	194,391	104,842	259	211	2,035	1,423	46,033	8,749	4,178	12,238	14,394	29
1952	164,498	86,059	503	306	2,702	1,020	35,318	6,635	3,875	13,050	14,967	63
1953	168,868	90,120	502	261	2,206	1,080	34,294	8,191	3,790	15,227	13,118	79
1954	154,227	83,029	524	107	2,207	1,011	28,419	9,219	4,125	13,294	12,197	95
1955	109,946	57,563	444	123	1,841	659	22,117	5,062	2,654	7,843	11,570	70
1956	164,857	92,849	436	115	1,679	873	32,153	5,936	2,255	10,199	18,241	121
1957	282,164	147,097	495	134	2,789	1,674	55,073	11,614	4,427	21,131	37,528	202
1958	124,851	63,853	373	78	1,786	1,031	28,443	4,732	2,595	8,429	13,400	131
1959	106,928	55,976	345	91	1,087	640	24,816	3,610	1,815	7,423	11,000	125
1960	104,111	54,491	306	83	1,210	634	23,774	4,337	2,087	6,949	10,120	120
1961	71,689	36,518	365	69	901	770	16,920	2,527	1,333	4,823	7,326	137
1962	74,586	37,210	378	77	989	944	19,132	2,410	1,163	4,745	7,441	97
1963	93,151	49,216	349	78	1,198	769	23,264	2,792	1,438	4,731	9,254	62
1964	112,606	61,468	445	79	1,189	696	25,973	3,006	1,795	5,521	12,324	110
1965	146,758	79,702	604	137	1,612	1,074	30,346	3,948	2,649	8,049	18,502	135
1966	194,743	107,621	805	141	2,084	1,283	39,198	5,132	3,440	10,078	24,746	215
1967	222,876	116,850	984	147	2,406	1,322	45,717	9,313	3,754	15,004	27,215	164
1968	183,974	96,155	1,006	176	1,957	1,025	35,481	8,723	3,557	13,203	22,496	195
1969	161,531	86,588	832	182	2,167	1,239	28,230	6,380	2,492	11,274	21,953	194
1970	147,713	80,732	630	185	2,007	1,070	23,261	5,826	1,709	10,405	21,683	205
1971	121,900	64,357	819	172	1,812	1,038	19,222	5,301	1,426	8,653	18,917	183
1972	122,006	63,805	686	175	1,872	1,301	18,592	5,262	1,511	8,390	20,107	305
1973 ¹	184,200	103,187	984	273	2,548	1,729	26,871	6,621	1,866	11,904	27,949	268
1974 ¹	218,465	120,115	1,036	311	2,601	2,207	33,458	7,423	2,244	14,289	34,481	300
1975	187,881	98,471	1,106	235	2,124	2,093	28,042	7,134	2,837	16,277	29,272	290
1976	149,429	72,031	725	235	1,942	1,752	29,282	5,509	2,323	14,896	20,484	250
1977	114,914	56,594	583	192	1,587	1,158	19,248	5,058	2,231	12,694	15,395	174
1978	86,313	42,397	374	145	980	661	14,290	3,574	1,564	9,826	12,331	171

¹ Figures for these years are slightly inflated by individuals who have previously entered Canada without Landed Immigrant Status but who applied between August and October 1973 for Landed Immigrant Status under the "Adjustment of Status Program" administered by the Department of Manpower and Immigration. Ontario (Canada) total immigrants, all ages, under this program as of December 28, 1973 and December 27, 1974 numbered 6,716 (15,505) and 4,727 (10,686) respectively. Of these figures some represent dependents not in the country of those making application. It is felt that a significantly large percentage of the 1974 figures represent dependents.

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.15
Immigrants by Country of Last Permanent Residence, Canada and Ontario, 1973-1978

	1973		1974		1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
TOTAL	184,200	103,187	218,465	120,115	187,881	98,471	149,429	72,031	114,914	56,594	86,313	42,397
Argentina	1,304	860	1,593	992	1,567	726	1,463	571	1,499	460	1,046	355
Australia	2,096	940	2,022	881	1,654	639	1,387	544	1,063	393	744	245
Belgium	589	229	613	192	656	219	532	136	436	81	359	92
Egypt	905	320	928	387	892	444	728	255	598	194	471	151
France	3,586	941	4,232	928	3,891	617	3,251	414	2,757	385	1,754	274
Germany, Fed. Rep. of	2,564	1,411	3,619	1,820	3,469	1,710	2,672	1,125	2,254	955	1,471	607
Greece	5,833	3,314	5,632	2,984	4,062	2,312	2,487	1,350	1,960	1,016	1,474	768
Hong Kong	14,662	6,395	12,704	5,582	11,132	4,698	10,725	4,676	6,371	2,881	4,740	2,081
India	9,203	4,662	12,868	6,371	10,144	4,980	6,733	3,048	5,555	2,406	5,110	2,151
Ireland, Republic of	1,129	709	1,292	760	1,098	603	639	305	571	275	469	232
Israel	984	465	1,090	560	1,527	772	1,201	529	957	448	735	369
Italy	5,468	3,824	5,226	3,567	5,078	3,396	4,530	2,457	3,411	1,947	2,976	1,812
Japan	1,105	401	859	382	635	216	498	177	412	134	359	116
Lebanon	1,325	629	1,762	909	1,506	679	7,161	2,924	3,847	1,437	1,454	561
Mexico	662	342	676	327	845	440	757	341	794	423	526	282
Netherlands	1,898	942	2,103	995	1,448	638	1,359	579	1,247	580	1,237	504
New Zealand	461	135	540	189	509	154	487	132	475	114	480	140
Pakistan	2,285	1,511	2,315	1,592	2,165	1,500	2,173	1,435	1,575	1,018	1,159	713
Philippines	6,757	3,461	9,564	4,866	7,364	3,871	5,939	2,871	6,232	2,957	4,370	2,053
Poland	1,261	773	945	517	809	479	903	528	902	514	753	440
Portugal	13,483	9,892	16,333	12,864	8,547	6,361	5,344	3,611	3,579	2,344	3,086	2,056
South Africa, Republic of	766	482	1,154	736	1,567	924	1,611	932	2,458	1,365	1,653	1,014
Spain	688	335	727	337	697	254	633	210	356	122	289	115
Sweden	654	224	593	248	408	163	269	95	260	105	226	95
Switzerland	953	405	1,336	554	1,272	434	1,192	336	944	301	801	268
Taiwan	1,372	743	1,382	763	1,131	592	1,178	618	899	469	637	313
Turkey	420	194	431	265	320	208	246	123	311	192	143	115
U.S.S.R.	427	258	602	329	278	100	315	130	299	96	379	185
United Kingdom	26,973	16,291	38,456	21,938	34,978	18,265	21,548	11,264	17,997	9,981	11,801	6,483
United States	25,242	9,945	26,541	9,749	20,155	7,723	17,315	6,292	12,888	5,063	9,945	4,176
Yugoslavia	2,873	2,180	3,200	2,475	2,932	2,164	1,741	1,253	1,408	1,038	927	697
West Indies ¹	19,281	13,970	23,885	15,676	17,973	11,993	14,842	9,196	11,911	7,809	8,328	5,052
Other Countries	26,991	16,004	33,242	19,360	37,172	20,197	27,570	13,574	18,688	9,120	16,362	7,862

¹ Figures for 1973 to 1977 are for Caribbean countries.

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.16
Immigrants by County of Last Permanent Residence and by Area of Destination, Ontario, 1979^P

Area of Destination	East- ern Europe	Greece	Carib- bean & Guyana	Hong Kong	South Asia	Italy	Laos	Viet- nam	Philip- pines	Portu- gal	Cent. & South America	Africa	United Kingdom	United States	All Other	Total
Ontario	2,405	529	4,725	2,286	2,134	974	1,169	7,761	1,405	2,267	1,404	1,597	7,101	3,643	6,857	46,257
Brantford	6	1	14	1	35	8	6	24	7	13	2	15	59	17	16	224
Cambridge	39	-	23	5	14	1	7	7	1	143	5	9	99	26	35	414
Guelph	24	-	10	12	35	9	-	137	7	-	10	3	89	29	70	435
Hamilton	240	26	92	71	55	63	22	269	35	120	54	49	235	104	139	1,574
Kingston	9	6	3	15	4	6	3	171	14	22	8	10	51	36	32	390
Kitchener	91	3	89	10	31	1	49	201	2	37	9	22	93	45	88	771
London	69	15	46	65	27	13	48	295	13	76	19	70	225	115	191	1,287
Niagara Falls	26	4	2	8	13	15	6	57	15	-	1	2	58	51	41	299
Oshawa	14	1	55	10	19	1	3	85	1	21	7	5	81	38	44	394
Ottawa	55	12	211	152	123	47	116	1,352	31	24	58	101	446	163	685	3,576
Peterborough	7	1	4	3	-	-	6	29	-	-	-	5	31	26	18	130
St. Catharines	20	3	22	9	10	11	27	93	13	4	6	10	104	46	51	429
Samia	10	2	6	8	6	11	-	96	4	6	17	5	77	51	37	336
Sault Ste. Marie	1	-	3	-	-	13	4	19	-	7	3	7	104	50	15	226
Sudbury	15	1	16	10	10	13	-	33	7	1	8	12	18	12	36	192
Thunder Bay	29	2	7	11	8	20	5	84	8	18	1	31	41	35	51	351
Toronto	1,127	358	2,295	1,113	601	391	231	2,250	515	1,128	717	746	2,360	1,009	2,592	17,433
Windsor	159	16	34	79	46	60	51	322	61	14	38	61	352	175	217	1,685
Other	464	78	1,793	704	1,097	282	585	2,237	671	633	441	434	2,578	1,615	2,499	16,111

Source: Central Statistical Services, Ministry of Treasury and Economics.

Table 3.17
Immigrants by Intended Occupation, Ontario 1974-1978

	1974	1975	1976	1977	1978
Destined to the Labour Force	-	-	-	-	194
Managerial, Administrative and Related Fields	3,279	2,673	2,463	2,127	1,156
Professional and Technical					
Natural Sciences	4,709	4,633	2,575	1,839	1,360
Physical Sciences	569	406	228	177	141
Life Sciences	236	207	127	110	73
Architects and Engineers	1,147	1,056	703	513	337
Other Architecture and Engineering	2,132	2,408	1,217	769	566
Mathematics, Statistics, System Analysis and Related	625	556	300	270	243
Social Sciences and Related Fields	603	502	408	281	234
Social Sciences	232	197	170	102	72
Social Work and Related Fields	182	151	125	83	71
Law and Jurisprudence	78	63	45	47	47
Library, Museum and Archival Sciences	111	91	68	49	44
Religion—Members of the Clergy and related	185	164	169	206	175
Teaching and Related	1,267	1,050	883	621	484
Medicine and Health	2,742	2,255	1,386	959	778
Diagnosing and Treating	511	378	163	116	94
Nursing, Therapy and Related Assisting Occupations	1,539	1,372	857	515	432
Other Medicine and Health	692	505	366	328	252
Artistic, Literary, Performing Arts and Related	680	551	571	515	360
Fine and Commercial Art, Photography and Related Fields	535	441	413	380	282
Writing	145	110	158	135	78
Sports and Recreation	51	46	50	47	31
Clerical and Related	9,138	6,693	4,820	3,849	2,710
Sales	2,301	1,910	1,278	1,153	779

Table 3.17 (cont'd)

Immigrants by Intended Occupation, Ontario 1974-1978

	1974	1975	1976	1977	1978
Service	5,876	3,461	2,458	2,245	1,724
Farming, Horticultural and Animal Husbandry	1,222	714	555	544	407
Fishing, Hunting, Trapping and Related	29	15	8	9	11
Forestry and Logging	38	50	11	5	4
Mining and Quarrying including Oil and Gas Field	60	70	28	25	12
Processing	1,434	855	576	435	326
Machining and Related	5,189	2,954	1,620	1,324	1,042
Product Fabricating Assembling and Repairing	8,059	5,870	3,525	2,804	1,959
Construction	5,417	3,178	1,930	1,500	1,124
Construction	224	123	91	53	35
Electrical Power, Lighting and Wire Communication Equipment	598	442	273	225	156
Other Construction Trades	4,595	2,613	1,566	1,222	933
Transport Equipment Operating	677	509	345	227	165
Air Transport	33	44	17	17	16
Rail Transport	4	5	8	5	1
Water Transport	56	49	40	23	15
Motor Transport	581	411	278	179	133
Other Transport	3	-	2	3	-
Material Handling and Related	757	428	248	155	105
Other Crafts and Equipment Operating-	370	282	201	166	95
Not Elsewhere Classified	4,064	2,825	2,460	2,003	2,095
Total Workers	58,147	41,688	28,568	23,039	17,330
Non Workers	61,968	56,783	43,463	33,555	25,067
Grand Total	120,115	98,471	72,031	56,594	42,397

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Family and Social Services

Highlights

- Families** – The estimated number of families in Ontario on June 1, 1979 was 2.2 million, an increase of 314,000 or 16.7 per cent since the 1971 census, and of 533,000 or 32.1 per cent since the 1966 census. The average number of persons per family in Ontario in 1976 was 3.4, a slight decrease from the 1971 census which showed an average of 3.6 persons per family.
 The combined number of families with no children or only one child decreased to 54.7 per cent of all families in 1976 in Ontario, compared with 58.1 per cent in 1971.
- Marriage and Divorce** – Between 1977 and 1978 the total number of marriages in Canada decreased 1.0 per cent from 187,344 to 185,523. Ontario also witnessed a decrease in the number of marriages, from 67,730 to 67,491. During the same period, the number of divorces in Canada rose by 3.2 per cent, from 55,370 to 57,155 for Ontario, there was an increase of 4.0 per cent from 19,735 to 20,534.
 The marriage rate per 1,000 population in 1978 was 7.9 for Canada and 8.0 for Ontario; in the same year the divorce rate per 1,000 population was 243.4 for Canada and 243.1 for Ontario.
- Social Services Expenditures** – Social services expenditures by federal, provincial, municipal governments and other agencies amounted to \$1,094.7 million in Ontario in 1978. The Provincial-Federal government's share was \$972.9 million. \$405.9 million of this was allocated to family benefits – allowances, \$86.2 million to homes for the aged, and \$91.9 million to child welfare – Children's Aid Societies, the rest going to a variety of other social services. From 1973-74 to 1978-79, total expenditure on social services in Ontario rose from \$475.5 million to \$1,094.7 million, an increase of 130.2 per cent.

Definitions

Family – A group of two or more persons living in the same dwelling and related to one another either as husband and wife (with or without unmarried children) or as parent and children. Any other persons in the dwelling who might be related to the family head are not, however, counted as members of the family. Sometimes such persons would constitute a second family in the dwelling. For example, where a married son and his family are living in the same dwelling as his parents there would be two families in the same dwelling.

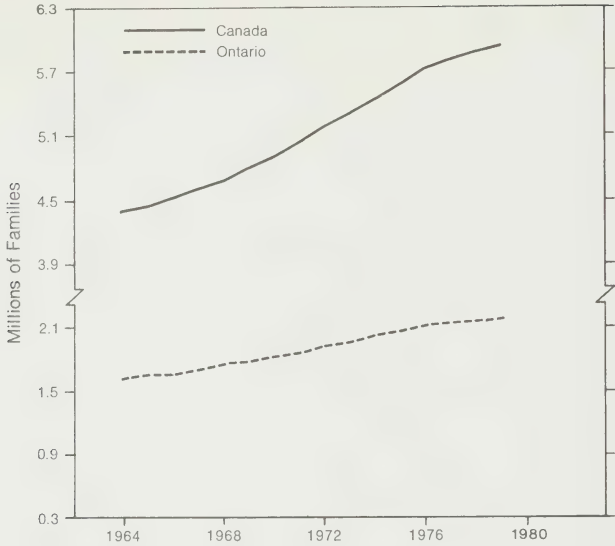
Children in Families – Unmarried sons and daughters 24 years and under living with their parents were classified as children in the family. Unmarried sons and daughters 25 years and over living with their parents were counted as family members but not as children. Stepchildren and adopted children under 25 years were included in the number of children in families. Guardianship children or wards under 21 years were similarly treated.

Coverage of Data on Family Estimates – The May 1973 Labour Force Survey which supplied the sample data on families covered about 30,000 households in approximately 450 areas across Canada. Excluded were households in the Yukon and Northwest Territories, households of Indians on reserves and households in institutions and military camps. Accordingly, the family estimates exclude families in such households except that allowance was made for families on Indian Reserves.

Reliability of Estimates – The figures in this report for 1966 and 1971 are census figures. The estimates for 1973 are obtained by weighting the sample survey figures on the basis of the 1971 Census population statistics adjusted for births, deaths and migration between 1971 and 1973. The changes shown during the year are affected by sampling errors as well as by enumeration and response differences. Accordingly, small changes in the figures from year to year may not be significant as they reflect sampling error and enumeration differences as well as real changes that may have occurred.

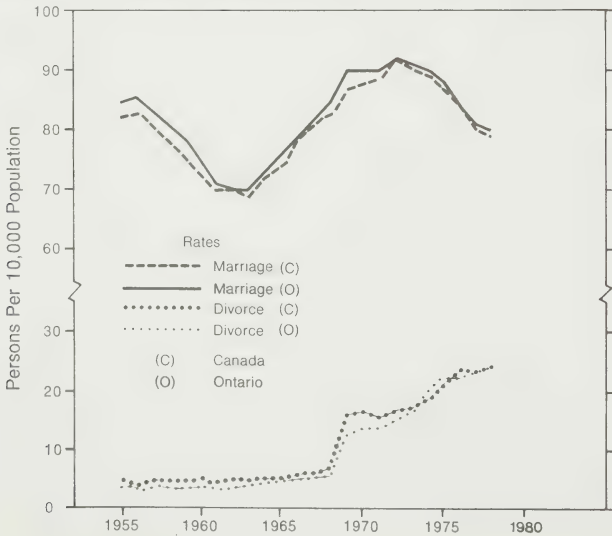
Family, Census – Consists of a husband and wife (with or without children who have never been married, regardless of age) or a parent with one or more children never married, living in the same dwelling. A family may also consist of a man or woman living with a guardianship child or ward under 21 years for whom no pay was received.

Graph 4.A
Number of Families, Canada and Ontario, 1964-1979



Refer to Table 4.1.

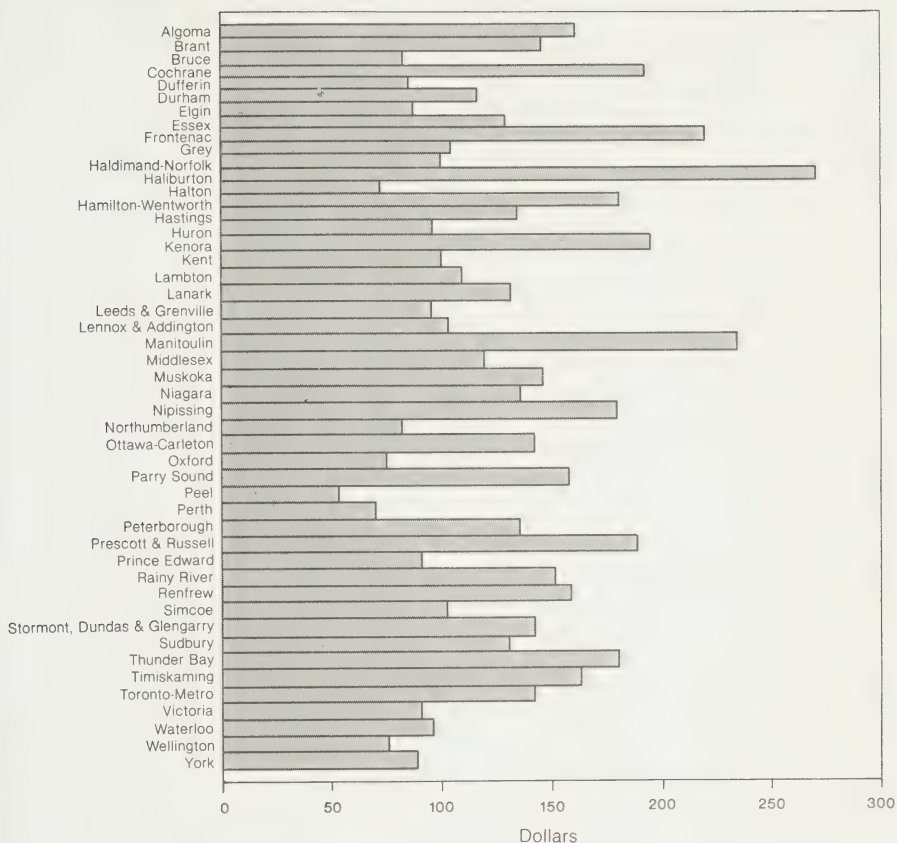
Graph 4.B
Marriage Rates and Divorce Rates, Canada and Ontario, 1955-1978



Refer to Table 4.7.

Graph 4.C

Social Services Expenditures per Capita by County, Ontario, 1978-79



Refer to Table 4 11

Table 4.1
Number¹ of Families, by Region, Canada², 1961-1979

	Canada	Ontario	Atlantic Provinces	Québec	Prairie Provinces	British Columbia
	'000's					
1961	4,140	1,511	398	1,104	733	394
1962	4,239	1,554	406	1,135	740	404
1963	4,314	1,580	410	1,157	750	417
1964	4,400	1,618	417	1,182	762	421
1965	4,454	1,645	409	1,204	755	441
1966	4,518	1,658	415	1,229	771	445
1967	4,608	1,703	417	1,248	777	463
1968	4,696	1,745	421	1,262	789	479
1969	4,807	1,793	427	1,284	805	498
1970	4,908	1,813	445	1,314	806	530
1971	5,043	1,877	452	1,354	830	531
1972	5,168	1,922	463	1,389	843	551
1973	5,299	1,966	477	1,427	858	573
1974	5,443	2,019	489	1,467	875	597
1975	5,587	2,065	502	1,506	899	616
1976	5,715	2,105	515	1,540	926	628
1977 ^r	5,813	2,137	524	1,563	953	636
1978 ^r	5,899	2,169	532	1,576	977	646
1979 ^p	5,971	2,191	539	1,588	998	655

1) Number of Families are estimates.

2) Not including Yukon and Northwest Territories.

Source: SC, *Estimates of Families for Canada and the Provinces*, (91-204)

Table 4.2
Census Families by Size and by Number of Children Living at Home, Ontario, Census Years, 1956-1976

	1956	1961	1966	1971	1976
Total Families	1,342,572	1,511,478	1,657,933	1,881,835	2,104,540
Size of Census Family					
2 Persons	452,721	477,049	512,434	620,170	756,330
3 Persons	313,754	326,671	336,385	395,295	449,715
4 Persons	285,629	327,203	355,712	405,980	484,795
5 Persons ¹	155,124	196,663	227,294	244,030	413,700
6 + Persons	135,344	183,892	226,108	216,355	..
Persons in Families	4,702,271	5,496,900	6,156,692	6,738,065	7,124,630
Average number of Persons per Family	3.5	3.6	3.7	3.6	3.4
Number of Children Living at Home					
0 Children	459,160	475,531	504,438	695,425	650,990
1 Child	307,693	322,149	333,970	397,620	499,430
2 Children	234,561	329,682	360,303	415,710	515,535
3 Children	108,430	198,722	229,995	250,270	266,195
4 Children	42,877	98,997	120,888	124,510	111,290
5 + Children	25,529	86,397	108,339	98,305	61,100
Children in Families	2,009,876	2,487,403	2,870,759	3,046,160	3,118,005
Average number of Children per Family	1.5	1.6	1.7	1.6	1.5

1) For 1976, read 5+ Persons.

Source: SC, *Families, Families by Size and Type, Families, Children in Families*.

Table 4.3
Number of Census Families, by County, Canada and Ontario, Census Years, 1956–1976

	1956	1961	1966	1971	1976
Canada	3,711,500	4,147,444	4,526,266	5,070,680	5,727,895
Ontario	1,342,572	1,511,478	1,657,933	1,881,835	2,104,540
Algoma	17,961	25,108	25,297	27,960	30,210
Brant	19,747	20,754	22,120	23,825	25,795
Bruce	10,105	10,126	10,069	11,455	14,535
Cochrane	18,745	20,495	20,116	21,490	23,065
Dufferin	3,883	3,884	4,122	5,185	7,330
Dundas	4,119	4,092	4,127	4,320	4,765
Durham	8,880	9,613	10,455	11,570	64,125
Elgin	14,462	14,921	14,814	16,250	17,615
Essex	62,314	63,244	67,097	74,400	78,975
Frontenac	17,597	19,578	21,662	24,070	26,700
Glengarry	3,977	4,044	3,863	4,165	4,660
Grenville	5,098	5,509	5,638	6,050	6,750
Grey	15,415	15,422	15,318	16,650	18,805
Haldimand	6,430	6,775	7,070	7,930	23,130 ⁶
Haliburton	1,974	2,201	2,017	2,410	3,005
Halton	17,553	26,314	33,718	47,505	59,820
Hastings	20,244	22,018	21,999	24,205	27,280
Huron	12,275	12,630	12,542	12,815	14,175
Kenora	10,273	11,226	11,648	12,105	13,480
Kent	21,279	21,842	22,936	24,600	27,050
Lambton	22,281	24,514	25,029	28,065	31,110
Lanark	8,959	9,098	9,241	9,960	10,995
Leeds	10,295	11,035	11,451	12,395	13,580
Lennox-Addington	5,331	5,705	6,010	6,880	8,425
Manitoulin	2,466	2,445	2,280	2,395	2,515
Middlesex	47,189	53,448	59,599	69,255	77,025
Muskoka ¹	6,215	6,489	6,713	7,995	9,665
Niagara ²	66,531	72,403	79,029	87,000	95,730
Nipissing	13,193	15,142	15,715	17,825	19,695
Norfolk	11,666	12,502	12,446	13,675	..
Northumberland	9,283	9,983	10,632	11,865	16,885
Ontario	27,163	33,161	40,785	48,550	.. ⁷
Ottawa-Carleton ³	66,996	81,400	93,004	111,640	127,695
Oxford	16,136	17,027	18,058	19,600	21,830
Parry Sound	6,487	6,854	6,607	7,430	8,460
Peel	21,219	27,747	41,537	64,835	97,695
Perth	13,813	14,102	14,454	15,270	16,750
Peterborough	16,629	18,321	19,355	21,685	26,195
Prescott	5,545	5,689	5,761	6,270	7,105
Prince Edward	5,220	5,130	5,127	5,105	5,830
Rainy River	5,827	5,959	5,771	5,970	6,080
Renfrew	17,587	19,767	19,645	21,040	21,985
Russell	3,967	4,300	4,378	3,520	4,760
Simcoe	29,567	32,566	34,172	41,440	53,975
Stormont	12,905	13,157	13,444	14,425	15,540
Sudbury	31,186	36,316	37,850	45,485	47,930 ⁸
Thunder Bay	28,375	31,801	32,573	34,545	37,355
Timiskaming	11,317	11,307	10,543	10,810	10,740
Toronto ⁴	..	..	..	518,360	540,690
Victoria	7,093	7,354	7,586	8,700	11,725
Waterloo	37,906	43,461	51,962	62,870	74,365
Wellington	18,542	20,222	22,012	26,385	31,215
Wentworth	81,699	89,789	96,670	100,820	107,080 ⁹
York ⁵	381,653	443,488	500,654	40,820	52,645

1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

2) Regional Municipality, comprising the former counties of Lincoln and Welland.

3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

4) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation".

5) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

6) For 1976, the figure is for the Regional Municipality of Haldimand-Norfolk.

7) Durham Regional Municipality and Simcoe County acquired parts of what was formerly Ontario County in 1973.

8) The Sudbury figure includes 41,370 families in the Regional Municipality of Sudbury and 6,560 families in the Territorial District of Sudbury.

9) 1976 figure is for the Regional Municipality of Hamilton-Wentworth which was formed in 1973.

Source: SC, *Families, Families By Size and Type*.

Table 4.4
Marriages by Age of Bride and Groom, Canada and Ontario, 1974-1978

		1974		1975		1976		1977		1978	
		Brides	Grooms	Brides	Grooms	Brides	Grooms	Brides	Grooms	Brides	Grooms
Total	Canada	198,824	198,824	197,585	197,585	186,844	186,844	187,344	187,344	185,523	185,523
	Ontario	72,716	72,716	72,209	72,209	69,364	69,364	67,730	67,730	67,491	6,491
Under 15 Years	Canada	105	-	-	-	53	-	65	1	18	-
	Ontario	49	-	-	-	27	-	29	1	11	-
15-19 Years	Canada	53,596	15,607	50,311	14,260	44,880	12,508	41,634	11,320	37,805	9,995
	Ontario	20,119	6,392	18,690	5,632	16,491	5,035	14,900	4,279	13,344	3,727
20-24 Years	Canada	90,096	96,408	90,041	94,223	84,078	86,050	85,564	84,753	85,877	82,824
	Ontario	31,574	33,792	31,222	32,750	30,296	30,459	29,669	29,374	30,048	28,722
25-29 Years	Canada	25,988	45,327	27,918	46,731	28,327	45,663	29,547	46,713	30,636	46,980
	Ontario	9,978	16,833	10,702	17,195	10,844	17,243	11,174	16,798	11,632	17,189
30-34 Years	Canada	8,830	14,529	9,832	15,552	10,395	16,036	11,334	17,529	12,118	18,503
	Ontario	3,454	5,611	3,899	6,118	4,038	6,234	4,486	6,795	4,857	7,121
35-39 Years	Canada	4,714	6,779	5,138	7,494	5,151	7,552	5,405	7,934	5,771	8,488
	Ontario	1,950	2,661	2,069	2,990	2,112	2,921	2,147	3,065	2,319	3,323
40-44 Years	Canada	3,296	4,788	3,465	5,013	3,483	4,895	3,504	5,029	3,538	5,009
	Ontario	1,348	1,911	1,434	1,977	1,431	1,909	1,357	1,966	1,464	1,987
45 + Years	Canada	10,392	13,578	10,582	13,929	10,270	13,752	10,145	13,798	9,699	13,591
	Ontario	4,244	5,516	4,152	5,529	4,121	5,558	3,964	5,448	3,812	5,420
Not Stated	Canada	1,807 ¹	1,808 ²	298	383	207	388	146	267	61	133
	Ontario	-	-	41	18	4	5	4	4	4	2

1) The 1,807 brides are from the province of Saskatchewan for whom the ages were not reported.

2) The 1,808 grooms are from the province of Saskatchewan for whom the ages were not reported.

Source: SC, *Vital Statistics*.

Table 4.5
Marriages¹, by Selected Municipality, Ontario, 1973–1978

	1973	1974	1975	1976	1977	1978
Toronto	14,311	14,166	15,217	14,706	13,351	12,354
North York (Borough)	2,213	2,174	2,089	1,915	1,941	1,963
Scarborough (Borough)	2,188	2,218	2,214	2,092	2,070	2,120
Hamilton	3,012	2,962	2,936	2,763	2,669	2,629
Ottawa	3,565	3,490	3,476	3,455	3,544	3,464
Etobicoke (Borough)	1,561	1,769	1,701	1,663	1,642	1,669
London	2,072	2,168	2,159	2,060	2,108	2,154
Windsor	2,086	2,072	1,924	1,808	1,861	1,888
Mississauga	1,155	1,559	1,180	1,260	1,384	1,602
York (Borough)	530	521	520	394	424	475
Kitchener	1,272	1,084	1,016	1,003	1,031	1,249
St. Catharines	1,103	1,117	1,069	987	1,020	1,037
Thunder Bay	1,105	1,078	1,025	1,041	1,042	1,042
East York (Borough)	279	315	301	251	238	220
Oshawa	896	883	871	886	831	801
Sudbury	1,074	1,105	991	995	993	939
Burlington	567	570	583	571	659	677
Sault Ste. Marie	811	803	780	740	714	734
Niagara Falls	591	661	605	572	533	591
Cambridge	648	778	821	788	666	519
Brantford	685	729	689	624	620	648
Oakville	543	535	455	459	411	385
Guelph	542	587	612	580	557	539
Kingston	815	788	824	709	681	693
Peterborough	676	677	681	626	576	583
Sarnia	635	591	648	570	562	542
North Bay	466	487	535	475	480	516
Cornwall	551	603	570	572	494	454
Welland	455	454	409	373	392	366
Brampton	401	780	1,008	931	870	961

1) By place of occurrence.

Source: Office of the Registrar General.

Table 4.6

Marriages and Divorces, Canada and Ontario, 1950-1978

	Marriages		Divorces	
	Canada	Ontario	Canada	Ontario
1950	125,083	43,744	5,386	2,241
1951	128,408	45,198	5,270	2,109
1952	128,474	45,251	5,650	2,218
1953	131,034	45,954	6,160	2,824
1954	128,629	45,028	5,923	2,469
1955	128,029	44,634	6,053	2,531
1956	132,713	46,282	6,002	2,478
1957	133,186	46,780	6,688	2,873
1958	131,525	46,894	6,279	2,776
1959	132,474	46,598	6,543	2,915
1960	130,338	45,855	6,980	2,965
1961	128,475	44,434	6,563	2,739
1962	129,381	44,454	6,768	3,140
1963	131,111	45,306	7,686	3,237
1964	138,135	48,501	8,623	3,508
1965	145,519	51,274	8,974	4,087
1966	155,596	54,571	10,239	4,101
1967	165,879	58,377	11,165	4,350
1968	171,766	62,109	11,343	5,036
1969	182,183	67,150	26,093	11,845
1970	188,428	68,874	29,775	12,451
1971	191,324	69,590	29,685	12,211
1972	200,470	72,278	32,389	13,190
1973	199,064	72,371	36,704	13,781
1974	198,824	72,716	45,019	15,277
1975	197,585	72,209 ^r	50,611	17,485
1976	193,343	69,364	54,207	18,589
1977	187,344	67,730	55,370	19,735
1978	185,523	67,491	57,155	20,534

Source: SC, Vital Statistics.

Table 4.7
Marriage Rates and Divorce Rates, Canada and Ontario, 1950–1978

	Marriage Rates		Divorce Rates	
	Canada	Ontario	Canada	Ontario
	Rate per 1,000 Population		Rate per 100,000 Population	
1950	9.1	9.8	39.3	50.1
1951	9.2	9.8	37.6	45.9
1952	8.9	9.5	39.1	46.3
1953	8.8	9.3	41.5	57.2
1954	8.4	8.8	38.7	48.3
1955	8.2	8.5	38.6	48.1
1956	8.3	8.6	37.3	45.8
1957	8.0	8.3	40.3	51.0
1958	7.7	8.1	36.8	47.7
1959	7.6	7.8	37.4	48.8
1960	7.3	7.5	39.1	48.5
1961	7.0	7.1	36.0	43.9
1962	7.0	7.0	36.4	49.4
1963	6.9	7.0	40.6	49.9
1964	7.2	7.3	44.7	52.9
1965	7.4	7.6	45.7	60.2
1966	7.8	7.8	51.2	58.9
1967	8.1	8.2	54.8	61.0
1968	8.3	8.5	54.8	69.3
1969	8.7	9.0	124.2	160.4
1970	8.8	9.0	139.8	164.9
1971	8.9	9.0	137.6	158.5
1972	9.2	9.2	148.4	168.6
1973	9.0	9.1	166.1	173.6
1974	8.9	9.0	200.6	188.7
1975	8.7	8.8	222.0	212.6
1976	8.4	8.4	235.8	224.9
1977	8.0	8.1	237.7	235.7
1978	7.9	8.0	243.4	243.1

Source: SC, *Vital Statistics*.

Table 4.8

Provincial-Federal, Municipal and Other Participation in Social Service Expenditures by Program, Ontario, Year Ending March 31, 1979

	Provincial and Federal	Municipal	Other Sources	Total
Non-Capital Expenditures for Social Assistance and Services			\$	
General Welfare Assistance—Allowances	162,348,190	39,660,772	—	202,008,962
General Welfare Assistance—Administration Subsidy	16,942,422	16,942,422	—	33,884,844
Family Benefits	405,922,167	—	—	405,922,167
Municipal Homes for the Aged	86,194,391	16,542,943	—	102,737,334
Charitable Homes for Adults	22,410,352	—	2,985,891	25,396,243
Elderly Persons' Centres	1,948,694	650,476	975,716	3,574,886
Day Nurseries—Municipal	30,808,596	7,702,149	—	38,510,745
Day Nurseries—Corporations	1,742,051	—	435,515	2,177,566
Day Nurseries for Mentally Retarded	5,223,813	—	1,305,953	6,529,766
Child Welfare—C.A.S.	91,850,694	22,044,551	—	113,895,245
Child Abuse	981,002	—	—	981,002
Local Children's Services Committees	111,061	—	—	111,061
Institutions for Children and Youth	5,472,579	—	1,368,145	6,840,724
Charitable Institutions for Children and Youth	1,120,197	—	280,049	1,400,246
Juvenile Delinquency	547,161	547,161	—	1,094,322
Correctional Services	2,794,500	—	—	2,794,500
Handicapped Youth Employment	904,698	—	—	904,698
Mental Health Facilities—Operating	51,904,312	—	—	51,904,312
Homes for Retarded Persons	13,617,004	—	3,404,251	17,021,255
Protective and Supportive Services (Children)	3,108,438	—	—	3,108,438
Homemakers and Nurses Services	5,883,616	1,470,904	—	7,354,520
Vocational Rehabilitation	9,512,228	—	—	9,512,228
Charitable Institutions for Rehabilitation	2,426,904	—	606,726	3,033,630
Residential Facilities for Mentally Retarded	23,527,963	—	—	23,527,963
Workshops for Disabled	6,272,031	—	1,568,008	7,840,039
Workshops for Mentally Retarded	11,971,431	—	2,992,858	14,964,289
Life Skills Training	2,112,918	—	—	2,112,918
Protective and Supportive Services (Adults)	1,922,184	—	—	1,922,184
Family Services Agencies	595,167	—	—	595,167
Family Crisis	66,383	—	—	66,383
Work Activity Project	1,106,109	276,527	—	1,382,636
Credit Counselling Services	693,547	—	—	693,547
Demonstration Projects	471,110	—	—	471,110
Payments in Lieu of Municipal Taxes	387,825	—	—	387,825
Total Assistance and Services	972,901,738	105,837,905	15,923,112	1,094,662,755
Capital Expenditures for New and Acquired Buildings				
Municipal Homes for the Aged	911,320	—	—	911,320
Charitable Institutions for Adults	216,367	—	—	216,367
Elderly Persons' Centres	22,533	—	—	22,533
Day Nurseries	452,729	—	—	452,729
Day Nurseries for Mentally Retarded	21,707	—	—	21,707
Children's Aid Societies	147,450	—	—	147,450
Homes for Deaf and Mute	177,900	—	—	177,900
Correctional Services	214,000	—	—	214,000
Group Homes for Disabled	28,063	—	—	28,063
Charitable Institutions for Rehabilitation	218,758	—	—	218,758
Mental Health Facilities	557,812	—	—	557,812
Homes for Retarded Persons	2,402,952	—	—	2,402,952
Residential Facilities for Mentally Retarded	121,364	—	—	121,364
Workshops for Mentally Retarded	2,105,137	—	—	2,105,137
Total Capital	7,598,092	—	—	7,598,092
Grand Total	980,499,830	105,837,905	15,923,112	1,102,260,847

1) Includes Municipal, Corporate and those for the mentally retarded.

Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Table 4.9

Provincial-Federal, Municipal and Other Participation in Social Service Expenditures, by Municipal Unit, Year Ending March, 1979

Municipal Unit	Provincial and Federal	Municipal	Other Sources	Total
		%		\$
Ontario	88.88	9.67	1.45	1,094,662,755
Algoma	92.78	6.99	.23	8,724,016
Barrie	94.13	2.87	3.00	5,945,666
Brant	91.49	7.37	1.14	15,864,237
Brockville	91.40	5.99	2.61	2,850,519
Bruce	90.39	8.63	.98	5,023,599
Chatham	91.76	6.06	2.18	5,674,467
Cochrane	93.92	5.26	.82	10,794,728
Cornwall	91.78	6.48	1.74	9,519,242
Dufferin	88.70	9.45	1.85	2,619,415
Durham	88.16	10.69	1.15	31,502,558
Elgin	90.72	9.28	—	2,727,698
Essex	87.34	11.34	1.32	8,352,219
Frontenac	91.79	7.38	.83	2,779,269
Grey	90.92	7.51	1.57	7,707,309
Haldimand-Norfolk	93.10	6.17	.73	8,734,221
Haliburton	95.52	4.16	.32	2,901,805
Halton	89.55	8.47	1.98	17,322,893
Hamilton-Wentworth	89.02	9.73	1.25	74,515,200
Hastings	92.68	6.34	.98	14,409,843
Huron	91.31	6.92	1.77	5,441,930
Kenora	90.54	8.22	1.24	11,961,170
Kent	86.60	12.70	.70	5,158,687
Kingston	94.11	5.00	.89	22,401,008
Lambton	86.09	12.82	1.09	6,119,016
Lanark	89.47	9.98	.55	6,016,305
Leeds & Grenville	93.70	5.47	.83	4,855,474
Lennox & Addington	92.63	6.20	1.17	3,461,125
London	89.10	8.47	2.43	31,381,724
Manitoulin	91.37	8.57	.06	3,006,620
Middlesex	87.97	9.13	2.90	7,034,136
Muskoka	90.98	8.13	.89	5,351,440
Niagara	89.61	8.44	1.95	50,427,846
Nipissing	94.95	4.24	.81	5,559,889
North Bay	92.33	5.76	1.91	8,910,100
Northumberland	90.65	8.71	.64	5,338,552
Ottawa-Carleton	86.39	12.32	1.29	76,778,726
Oxford	89.12	8.77	2.11	6,417,740
Parry Sound	92.83	6.34	.83	5,069,617
Peel	85.27	12.99	1.74	22,834,756
Perth	88.03	10.27	1.70	2,436,536
Peterborough City	89.21	8.53	2.26	11,379,268
Peterborough	93.18	6.82	—	2,247,628
Prescott & Russell	89.75	8.74	1.51	9,719,146
Prince Edward	92.22	6.70	1.08	2,021,711
Rainy River	88.59	9.50	1.91	3,840,883
Renfrew	92.70	6.27	1.03	14,099,207
St. Thomas	88.21	7.25	4.54	3,431,955
Sarnia	88.01	9.20	2.79	7,469,957
Sault Ste. Marie	90.82	8.16	1.02	12,333,158
Simcoe	91.92	6.63	1.45	16,601,866
Stormont, Dundas & Glengarry	93.76	4.95	1.29	5,245,970
Stratford	88.66	8.57	2.77	2,284,973
Sudbury	90.97	7.85	1.18	26,983,428
Thunder Bay City	88.17	10.67	1.16	23,696,365
Thunder Bay	92.08	7.02	.90	3,601,722
Timiskaming	92.79	6.19	1.02	7,101,601
Timmins	89.57	9.61	.82	9,565,720
Toronto-Metropolitan	86.60	11.93	1.47	304,221,116
Victoria	93.33	6.13	.54	4,171,537
Waterloo	87.13	11.10	1.77	28,959,210
Wellington	89.07	9.39	1.54	9,948,928
Windsor	90.03	8.58	1.39	32,695,524
York	91.13	6.36	2.51	19,035,581

Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Table 4.10Expenditures of Social Services, Programs, by County, Ontario, 1974-75 to 1978-79¹

County	1974-75	1975-76	1976-77	1977-78	1978-79
			\$		
Ontario	596,432,745	800,845,353	842,946,463	999,186,638	1,094,662,757
Algoma	10,602,185	14,332,891	15,028,440	17,062,995	21,057,174
Brant	8,878,899	11,860,580	12,098,193	14,132,927	15,864,237
Bruce	3,520,904	4,217,645	4,284,077	4,992,001	5,023,599
Cochrane	11,083,152	13,555,555	15,134,406	17,889,152	20,360,448
Dufferin	1,759,496	2,215,168	2,220,504	2,493,027	2,619,415
Durham	14,467,041	20,931,091	21,781,915	28,084,491	31,502,558
Elgin	3,671,631	4,817,012	5,108,772	5,851,841	6,159,653
Essex	25,627,223	34,419,382	33,743,683	38,580,256	41,047,743
Frontenac	10,606,639	14,864,858	15,071,082	21,995,343	25,180,277
Grey	4,071,062	5,243,960	5,601,543	7,056,203	7,707,309
Haldimand - Norfolk	5,577,374	6,907,235	7,048,056	8,019,263	8,734,221
Haliburton	1,018,582	1,305,691	1,331,266	2,500,164	2,901,805
Halton	6,090,988	9,734,497	13,179,224	15,978,199	17,322,893
Hamilton - Wentworth	39,476,104	54,520,112	53,432,628	66,031,058	74,515,200
Hastings	8,474,702	10,915,892	11,679,787	13,275,496	14,409,843
Huron	3,171,844	4,102,567	4,268,010	5,129,466	5,441,930
Kenora	5,863,833	8,113,280	9,023,582	10,325,022	11,961,170
Kent	6,260,108	8,262,397	8,602,966	9,736,229	10,833,154
Lambton	7,746,125	10,062,092	10,204,930	12,253,725	13,668,973
Lanark	3,096,303	4,290,956	4,491,255	5,408,313	6,016,305
Leeds & Grenville	4,686,972	6,021,685	6,306,883	7,070,234	7,705,993
Lennox & Addington	1,975,001	2,617,380	2,807,244	3,135,932	3,461,125
Manitoulin	2,111,635	2,662,165	2,632,316	2,816,881	3,006,620
Middlesex	21,972,057	28,336,481	30,566,660	36,134,942	38,415,860
Muskoka	2,903,899	3,692,265	3,799,065	4,630,256	5,351,440
Niagara	29,991,895	40,931,451	42,134,673	47,634,381	50,427,848
Nipissing	8,021,607	10,852,946	10,877,275	13,302,224	14,469,989
Northumberland	3,256,713	4,248,490	4,406,507	5,133,606	5,338,552
Ottawa - Carleton	41,825,535	54,901,293	59,373,480	67,399,588	76,778,726
Oxford	3,752,179	5,110,471	5,581,846	6,154,283	6,417,740
Parry Sound	3,621,037	4,359,921	4,654,406	4,898,890	5,069,617
Peel	10,122,324	15,171,225	17,968,616	20,887,498	22,834,756
Perth	2,969,681	3,592,489	3,689,747	4,287,021	4,721,509
Peterborough	6,673,184	8,855,263	9,316,238	12,014,030	13,626,896
Prescott & Russell	5,520,011	6,732,351	7,579,086	8,923,118	9,719,146
Prince Edward	1,446,706	1,854,628	1,863,059	1,993,641	2,021,711
Rainy River	2,689,448	3,524,110	3,397,274	3,499,837	3,840,883
Renfrew	8,721,427	11,579,586	12,117,957	13,278,248	14,099,207
Simcoe	10,811,797	14,634,936	15,137,900	20,130,221	22,547,532
Stormont, Dundas & Glengarry	9,688,989	12,760,735	12,748,612	14,152,436	14,765,212
Sudbury	15,357,611	19,793,635	21,290,048	25,665,366	26,983,428
Thunder Bay	14,965,366	21,251,838	21,298,711	25,224,628	27,298,087
Timiskaming	5,012,511	5,882,335	6,054,980	7,190,135	7,101,601
Toronto - Metropolitan	163,190,021	222,949,275	237,659,022	280,593,333	304,221,116
Victoria	2,581,178	3,215,208	3,348,650	3,871,964	4,171,537
Waterloo	16,455,073	22,015,686	23,016,602	26,934,950	28,954,210
Wellington	6,398,469	7,753,779	8,240,537	9,463,379	9,948,928
York	8,646,224	10,870,865	11,744,750	15,970,445	19,035,581

¹⁾ Fiscal year ending March 31 of each year.Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Table 4.11Social Services Expenditures per Capita, by County, Ontario, 1974-75 to 1978-79¹

	1974-75	1975-76	1976-77	1977-78 ²	1978-79 ²
	\$				
Ontario	74.52	97.76	101.44	118.75	129.41
Algoma	88.36	117.05	121.52	134.08	162.74
Brant	87.76	115.28	115.01	131.69	147.18
Bruce	69.02	78.29	76.23	85.43	84.15
Cochrane	109.01	129.16	143.68	169.28	193.99
Dufferin	67.36	82.28	78.57	85.85	86.75
Durham	63.51	89.25	89.31	109.53	118.61
Elgin	54.29	70.60	74.53	84.63	88.97
Essex	83.31	110.91	108.91	123.74	130.68
Frontenac	100.68	135.75	135.63	195.79	220.46
Grey	60.64	75.80	79.04	97.86	106.20
Haldimand-Norfolk	66.07	80.47	81.16	92.13	100.78
Haliburton	108.82	134.23	128.59	236.99	271.68
Halton	28.58	44.00	58.28	69.36	73.75
Hamilton-Wentworth	98.40	133.48	130.54	160.52	182.69
Hastings	84.37	104.35	110.58	124.72	135.17
Huron	59.29	75.04	76.95	91.54	97.45
Kenora	99.73	134.77	147.91	169.36	196.21
Kent	61.44	79.68	81.83	91.60	101.27
Lambton	67.63	85.72	84.44	99.62	110.87
Lanark	73.06	99.74	103.05	121.84	133.35
Leeds & Grenville	62.33	78.42	80.74	89.50	96.18
Lennox & Addington	65.16	84.69	88.49	94.91	104.52
Manitoulin	176.03	215.72	212.15	222.98	235.54
Middlesex	73.15	91.92	97.86	114.07	120.25
Muskoka	88.40	109.25	108.64	129.87	147.54
Niagara	84.88	114.12	116.27	130.13	137.29
Nipissing	101.21	136.97	135.65	165.99	180.35
Northumberland	53.77	68.60	70.39	80.33	83.39
Ottawa-Carleton	85.38	108.37	113.87	127.07	143.53
Oxford	46.30	61.35	66.06	72.71	75.92
Parry Sound	120.60	145.62	152.11	156.35	159.30
Peel	30.62	42.82	47.66	52.05	54.16
Perth	46.46	55.28	56.47	64.93	70.98
Peterborough	70.59	91.08	94.36	120.96	136.71
Prescott & Russell	119.28	141.78	154.77	177.36	189.03
Prince Edward	68.79	84.89	85.06	89.73	91.93
Rainy River	109.27	142.97	136.28	139.04	152.53
Renfrew	100.24	131.22	137.65	150.47	159.82
Simcoe	55.48	71.73	72.36	94.45	103.91
Stormont, Dundas & Glengarry	98.00	127.62	126.34	138.15	143.15
Sudbury	75.88	95.81	102.73	123.04	131.79
Thunder Bay	103.96	145.07	144.31	169.07	181.31
Timiskaming	113.89	132.36	137.53	166.79	164.80
Toronto-Metropolitan	76.83	103.59	110.32	130.64	142.88
Victoria	66.08	77.88	77.63	85.93	90.71
Waterloo	59.34	76.90	79.05	90.96	97.45
Wellington	53.63	62.91	65.32	74.19	77.37
York	45.50	55.65	58.02	76.44	89.01

¹ Fiscal year ending March 31 of each year.² Not comparable with previous years as new programs are included in totals.Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Health

Highlights

- **Life Expectancy** – From 1951 to 1976 average life expectancy has increased in Ontario. Average life expectancy for females at birth in 1976 was 77.7 years while that for males was 70.6 years. At age 60 in 1976, average life expectancy for females was 21.9 years and that for males 17.0 years.
- **Medical Professions** – Statistics for the medical professions indicate that out of the 15,100 medical doctors in Ontario, about 39.6 per cent were specialists. In terms of the number of persons per resident physician, the ratio has decreased from 782 in 1960 to 559 in 1978. The ratio of persons per nurse, over the same period, has fallen from 178 to 89. In the dental field, the number of persons per dentist reported in 1960 was 2,461; figures for 1978 show a decrease to 2,034 persons per dentist. Area data indicate that Metro Toronto had the lowest ratio of 1 dentist to every 1,424 persons.
- **Hospitals** – The total operating expense per patient-day in Ontario public general and allied special hospitals in 1968 was \$46.95, which has risen \$161.07 by 1978–79, an increase of 243.1 per cent. Comparable rates for Canada were \$45.01 and \$146.66, representing a 225.8 per cent increase over the same ten year period. The number of hospitals of all types in Ontario totalled 352 (68,563 beds) in 1977, by January 1, 1979, this number had fallen to 307 (60,597 beds). Public general hospitals with 200 or more beds had increased from 81 in 1977 to 82 in 1979. Average days per separation in Ontario fell to 11.0 in 1977 from 11.5 in 1968. The average days per separation for males in 1977 was higher than that for females, 11.2 compared with 10.8.
- **Illness** – In terms of notifiable diseases in 1979 those with the highest rate per 100,000 population were chickenpox with 244.7, influenza with 154.4 and measles with 88.0. In 1977, 13,342 deaths were reported from cancer with males representing 54.6 per cent of this total; heart disease took 22,031 lives of whom 58.3 per cent were males. There was a small decline of 47 per cent in the average daily population in mental institutions from 1978 to 1979. Among those diagnosed with psychosis in 1978-79, schizophrenia had the highest incidence with 21.5 per 100,000 population. Of those in mental institutions without psychosis, mental retardation showed a rate of incidence of 3.8 per 100,000 population.
- **Smoking and Alcoholic Consumption** – In 1977, 38.2 per cent of the Ontario male population 15 years and over were regular smokers, i.e. smoked daily. The Ontario figure represents a decline of 12.8 per cent since 1972. In the Ontario female population 15 years and over, 28.8 per cent were regular smokers in 1977. The number of female smokers in Ontario showed a decrease since 1972 of 2.7 per cent. In 1977-78 the per capita annual consumption of alcoholic beverages for those aged 15 years and over in Ontario was 2.52 gallons, up 5.9 per cent over the corresponding figure for 1972-73.

Definitions

Notifiable Diseases – Diseases which by legislation are required to be reported. What is deemed to be a notifiable disease may vary from province to province.

Patients in Approved Homes – Those individuals who were originally admitted to a Psychiatric Hospital or Facility for the Retarded and subsequently sent to an Approved Home. These individuals are still retained "on the books" of the hospital whence they came; they have not been discharged.

Patients on Leave of Absence – Individuals admitted to a Psychiatric Hospital or Facility for the Retarded and subsequently placed on leave of absence under The Mental Health Act, 1967. They are not discharged; they are still under the supervision of the hospital whence they came and are included in Patients on the Books.

Patients on Books – Patients in hospital plus patients in Approved Homes plus patients on Leave of Absence.

Separations – Discharges plus deaths plus transfers-out (from one psychiatric inpatient facility directly to another).

General Hospital – Provides mainly for the diagnosis and short-term treatment of patients for a wide range of diseases and injuries. The services of a general hospital are not restricted to a specific age group or sex.

Average Daily Population in Hospital –
$$\frac{\text{Total number of patient days in the year}}{\text{Total number of days in the year}}$$

Average Daily Population on Books –
$$\frac{\text{Total number of patients on the hospital books at the end of each month}}{\text{Total number of months in the year all hospitals are open}}$$

Apparent Consumption – Purchases of alcoholic beverages by alcoholic content. Purchases may not equal actual consumption because of spillage, etc.

Special Register Physician – A physician having a restricted licence to practise. Further information on the types of restrictions can be obtained from the College of Physicians and Surgeons of Ontario.

Discharges – A function of total admissions; as the number of patients entering psychiatric inpatient facilities rises, the number leaving tends to rise. Deals with one treatment period; the totals are aggregates of cases, some patients being discharged more than once during the year.

Public – Applies to an institution recognized by the province as a "public institution". Such an institution generally is not operated for profit.

Proprietary – Applies to an institution owned by an individual or by a private organization, operated for a profit, and recognized by the province as a "proprietary hospital".

Federal – Applies to an institution owned by a department or agency of the Government of Canada and operated on a non-profit basis.

Mental Psychiatric Hospital – An institution that provides treatment for all types of psychiatric conditions and includes facilities for long-term care.

Institution for the Mentally Retarded – A facility that provides care, treatment and training for mentally retarded patients.

Aged and Senile Home – A facility for the care and treatment of the aged who suffer from psychosis, senility, or other psychiatric disorders.

Psychiatric Unit – A unit within a general hospital that is organized for the treatment of patients with psychiatric disorders.

Hospital for Addicts – A facility specializing in the treatment of patients suffering from alcoholism or drug addiction.

Other Types – Hospital for epileptics and treatment centre for emotionally disturbed children.

Patient-Day – The period of service to an inpatient between the census-taking hours on two successive days. The day of admission is counted as a patient-day but the day of separation is not.

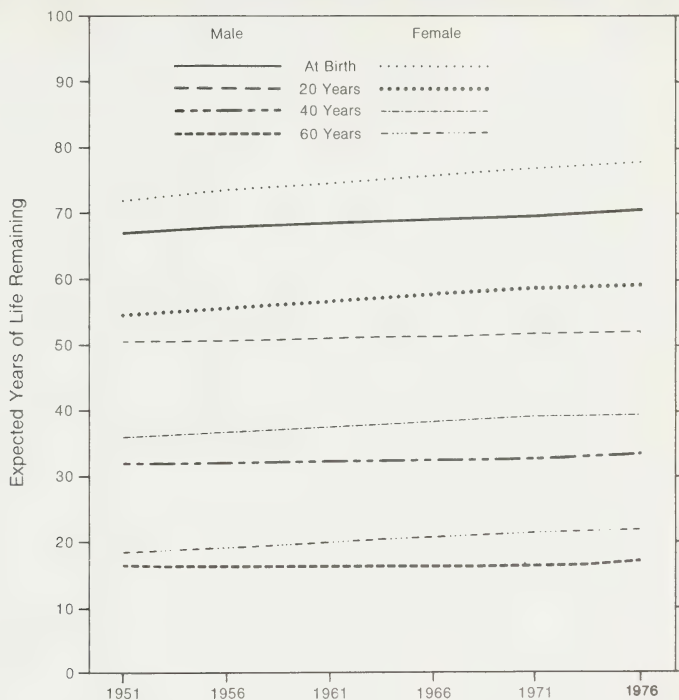
Regular Register Physician – A physician having a full licence to practise.

Physicians, Resident – Those physicians giving an Ontario address as their mailing address.

Prescribed Drugs – Drugs sold at retail on the prescription of a practitioner; excluding drugs dispensed by hospitals.

Graph 5.A

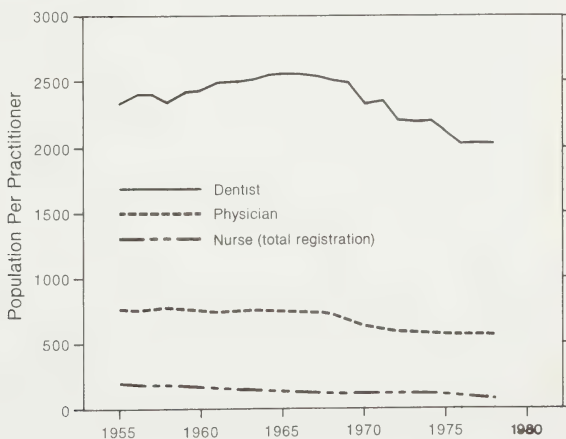
Average Life Expectancy by Selected Age, Ontario, Census Years, 1951-1976



Refer to Table 5.1.

Graph 5.B

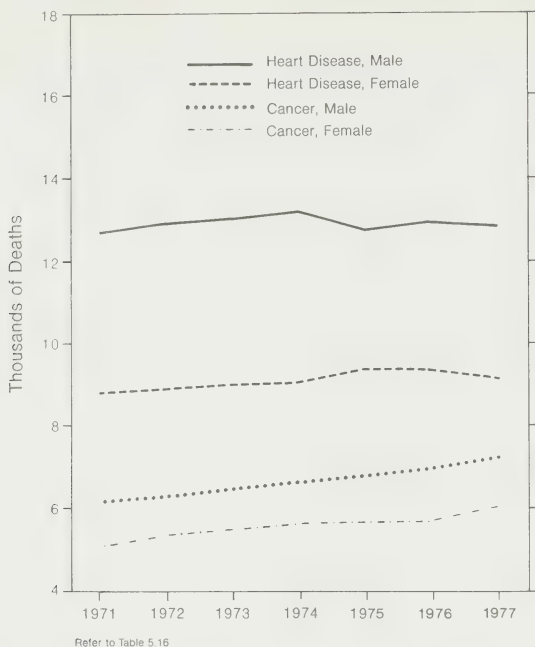
Population Per Physician, Nurse and Dentist, Ontario, 1955-1978



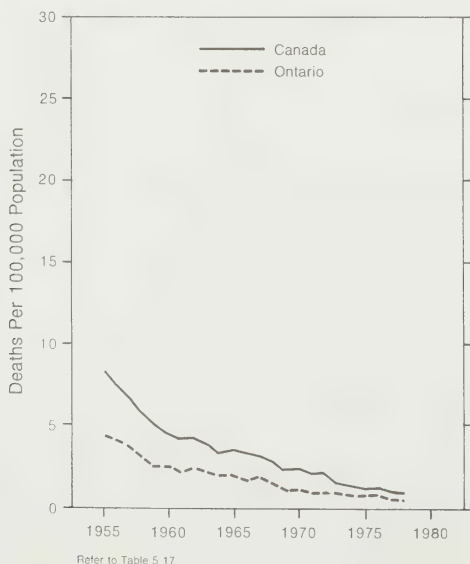
Refer to Tables 5.3, 5.4 and 5.7

Graph 5.C

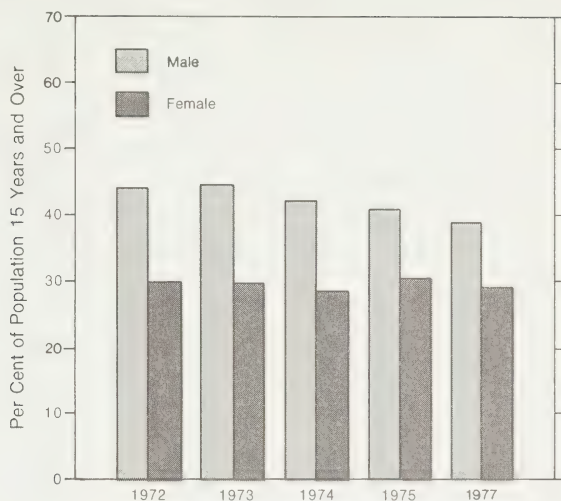
Death from Cancer and Heart Disease by Sex, Ontario, 1971-1977

**Graph 5.D**

Rates of Death from All Forms of Tuberculosis, Canada and Ontario, 1955-1978

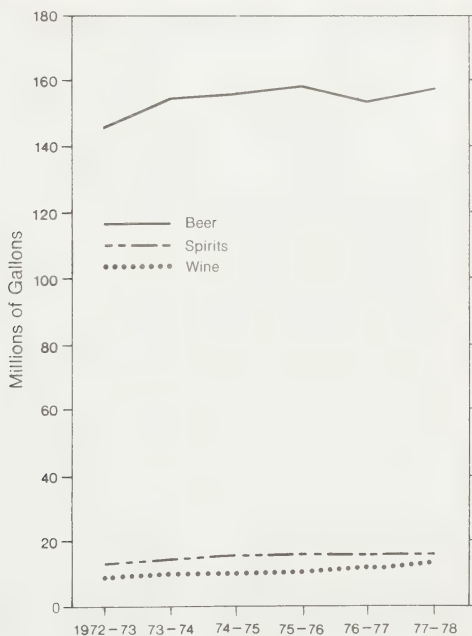


Graph 5.E
Cigarette Smokers, Ontario, 1972-1975 and 1977



Refer to Table 5.32

Graph 5.F
Volume of Sales of Alcoholic Beverages, Ontario, 1972-73 to 1977-78



Refer to Table 5.33

Table 5.1
Average Life Expectancy by Selected Age, Canada and Ontario, Census Years, 1951–1976

	Canada		Ontario	
	Male	Female	Male	Female
At Birth				
1951	66.3	70.8	66.9	71.9
1956	67.6	72.9	67.8	73.6
1961	68.4	74.2	68.3	74.4
1966	68.8	75.2	68.7	75.5
1971	69.3	76.4	69.6	76.8
1976 ¹	70.2	77.5	70.6	77.7
1 Year				
1951	68.3	72.3	68.3	72.9
1956	69.0	74.0	68.8	74.3
1961	69.5	75.0	69.1	75.0
1966	69.5	75.7	69.3	75.9
1971	69.8	76.6	69.8	76.8
1976 ¹	70.2	77.4	70.5	77.5
20 Years				
1951	50.8	54.4	50.6	54.8
1956	51.2	55.8	50.8	56.0
1961	51.5	56.7	51.0	56.5
1966	51.5	57.4	51.1	57.5
1971	51.7	58.2	51.6	58.4
1976 ¹	52.1	59.0	52.2	59.0
40 Years				
1951	32.5	35.6	32.0	35.8
1956	32.7	36.7	32.2	36.7
1961	33.0	37.5	32.4	37.3
1966	33.0	38.2	32.4	38.2
1971	33.2	39.0	32.9	39.1
1976 ¹	33.6	39.7	33.5	39.6
60 Years				
1951	16.5	18.6	16.2	18.6
1956	16.5	19.3	16.1	19.4
1961	16.7	19.9	16.2	19.7
1966	16.8	20.6	16.2	20.6
1971	17.0	21.4	16.6	21.5
1976 ¹	17.2	22.0	17.0	21.9

1). Averages are based on the 3 years centred around the census year.

Source: SC, *Vital Statistics, Vol. III, Deaths*.

Table 5.2
Doctors, Specialists and Non-Specialists, by County, Ontario, 1978

	Non-Specialists		Specialists		Total Doctors	
	Total ¹	Population Ratio ²	Total ¹	Population Ratio ²	Total ¹	Population Ratio ²
Ontario	8,169	1,034	6,909	1,222	15,078	560
Algoma	82	1,552	64	1,988	146	872
Brant	71	1,432	61	1,666	132	770
Bruce	44	1,346	7	8,462	51	1,162
Cochrane	66	1,443	21	4,536	87	1,095
Dufferin	23	1,369	3	10,496	26	1,211
R.M. of Durham	187	1,418	120	2,209	307	863
Elgin	50	1,381	31	2,227	81	852
Essex	208	1,521	186	1,701	394	803
Frontenac	190	600	233	489	423	269
Grey	64	1,131	43	1,683	107	676
Haldimand- Norfolk	50	1,795	10	8,974	60	1,496
Haliburton	9	1,134	-	-	9	1,134
Halton	219	1,101	165	1,461	384	628
Hastings	102	1,037	67	1,578	169	626
Huron	40	1,383	9	6,146	49	1,129
Kenora	41	1,424	11	5,308	52	1,123
Kent	82	1,302	35	3,051	117	913
Lambton	73	1,686	70	1,758	143	860
Lanark	54	830	8	5,604	62	723
Leeds & Grenville	71	1,126	33	2,422	104	768
Lennox & Addington	23	1,420	4	8,168	27	1,210
Manitowlin	9	1,215	-	-	9	1,215
Middlesex	464	684	457	694	921	345
Muskoka	40	945	11	3,437	51	741
R.M. of Niagara	261	1,407	196	1,873	457	803
Nipissing	63	1,264	43	1,852	106	751
Northumberland	50	1,316	10	6,578	60	1,096
Ottawa- Carleton	681	783	752	709	1,433	372
Oxford	63	1,345	30	2,825	93	911
Parry Sound	30	1,056	7	4,525	37	856
Peel	301	1,401	155	2,720	456	925
Perth	63	1,051	25	2,649	88	753
Peterborough	82	1,213	99	1,005	181	550
Prescott & Russell	34	1,493	5	10,154	39	1,302
Prince Edward	16	1,358	9	2,415	25	869
Rainy River	21	1,161	2	12,193	23	1,060
Renfrew	69	1,275	24	3,665	93	946
Simcoe	198	1,113	80	2,755	278	793
Stormont, Dundas & Glengarry	72	1,396	43	2,337	115	874
Sudbury	118	1,606	98	1,934	216	877
Thunder Bay	101	1,488	85	1,768	186	807
Timiskaming	40	1,041	10	4,164	50	833
Victoria	36	1,258	16	2,831	52	871
Waterloo	217	1,399	172	1,764	389	780
Wellington	107	1,227	76	1,728	183	717
Hamilton- Wentworth	428	969	447	928	875	474
Metro Toronto	2,665	799	2,748	775	5,413	393
York	191	1,137	127	1,710	318	683
Unknown	-	-	1	-	1	-

1) Figures based on December 31st physician registration.

2) County ratios are obtained by using December 31, 1978 physician figures with June 1978 county population.

Source: College of Physicians and Surgeons of Ontario Licensing Statistics.

Table 5.3Estimated Physicians Resident, Ontario, 1950-1978¹

	Number	Population per Physician
1950	5,523	824
1951	5,642	835
1952	5,822	838
1953	6,119	824
1954	6,400	813
1955	6,704	798
1956	7,064	784
1957	7,240	793
1958	7,409	797
1959	7,600	796
1960	7,908	782
1961	8,136	775
1962	8,236	780
1963	8,478	775
1964	8,759	767
1965	8,950	769
1966	9,366	755
1967	9,702	746
1968	10,242	722
1969	10,885	694
1970	11,554	665
1971	12,445	625
1972	12,836	615
1973	13,343	602
1974	13,885	583
1975	14,523	566
1976	14,643	564
1977	14,927	561
1978	15,078	560

1) All figures as of December 31st. The numbers shown for years prior to 1971 reflect total registration less an estimate of the number of physicians non-resident in the province.

Source: College of Physicians and Surgeons Licensing Statistics.

Table 5-4
Registered Nurses, Ontario, 1950-1978¹

	Total Registration	Working in Nursing in Ontario	Population per Nurse	
			Total Registration	Work in Nursing
1950	20,162	..	225	..
1951	21,396	..	220	..
1952	21,174	..	230	..
1953	23,576	..	214	..
1954	24,799	..	210	..
1955	26,315	..	203	..
1956	28,354	..	195	..
1957	29,496	..	195	..
1958	30,408	..	194	..
1959	33,409	..	181	..
1960	34,819	..	178	..
1961	38,008	..	166	..
1962	41,036	..	157	..
1963	43,991	..	149	..
1964	46,737	..	144	..
1965	48,922	..	141	..
1966	50,793 ^r	32,764	139	216
1967	54,513	34,183	133	212
1968	59,115	34,413	125	198
1969	62,801	41,091	120	184
1970	66,125	43,665	116	176
1971	70,515	43,624	110	178
1972	74,874	43,486	105	182
1973	78,054	45,502	103	176
1974	74,224	48,736	109	166
1975	77,270	51,203	106	161
1976	88,966	55,263	93	150
1977	91,971	55,650	91	150
1978	94,309	57,742	89	146

¹ Figures as of December 31.

Source: College of Nurses of Ontario.

Table 5-5**Registered Nurses Employed, by County, Ontario, 1978**

	Estimated Population ¹	Registered Nurses Employed ²	Ratio per 100,000
Ontario	8,443,800	57,742 ³	683.8
Algoma	127,256	778	611.4
Brant	101,637	707	695.6
Bruce	59,229	249	420.4
Cochrane	95,263	541	567.9
Dufferin	31,487	159	504.9
R.M. of Durham	265,072	1,538	580.2
Elgin	69,046	504	729.9
Essex	316,363	1,923	607.8
Frontenac	113,941	1,282	1,125.1
Grey	72,366	627	866.4
Haldimand-Norfolk	89,742	413	460.2
Haliburton	10,202	32	313.7
Halton	241,103	1,174	486.9
Hastings	105,738	721	681.9
Huron	55,317	323	583.9
Kenora	58,389	328	561.8
Kent	106,782	742	694.9
Lambton	123,043	817	664.0
Lanark	44,833	362	807.4
Leeds & Grenville	79,909	646	808.4
Lennox & Addington	32,670	122	373.4
Manitoulin	10,936	39	356.6
Middlesex	317,365	3,263	1,028.2
Muskoka	37,809	226	597.7
R.M. of Niagara	367,183	2,109	574.4
Nipissing	79,646	590	740.8
Northumberland	65,779	335	509.3
Ottawa-Carleton	533,326	4,978	933.4
Oxford	84,760	556	656.0
Parry Sound	31,676	130	410.4
Peel	421,656	1,525	361.7
Perth	66,234	503	759.4
Peterborough	99,478	808	812.2
Prescott & Russell	50,770	153	301.4
Prince Edward	21,733	97	446.3
Rainy River	24,386	119	488.0
Renfrew	87,971	583	662.7
Simcoe	220,373	1,306	592.6
Stormont, Dundas & Glengarry	100,501	688	684.6
Sudbury	189,506	1,106	583.6
Thunder Bay	150,269	1,142	760.0
Timiskaming	41,642	274	658.0
Victoria	45,298	236	521.0
Waterloo	303,492	1,722	567.4
Wellington	131,287	880	670.3
Hamilton-Wentworth	414,918	3,271	788.4
Metro Toronto	2,129,197	16,023	752.5
York	217,221	1,052	484.3

1) Population estimates June 1978 (Treasury and Economics)

2) Registered nurses employed as at December 31, 1978.

3) Includes 40 non-respondents

Source: College of Nurses of Ontario

Table 5.6**Registered Nursing Assistants Employed, by County, Ontario, 1978**

	Estimated Population ¹	RNA'S Employed ²	Ratio per 100,000
Ontario	8,443,800	20,617 ³	244.2
Algoma	127,256	311	244.4
Brant	101,637	337	331.6
Bruce	59,229	187	315.7
Cochrane	95,263	266	279.2
Dufferin	31,487	39	123.9
R.M. of Durham	265,072	732	276.2
Elgin	69,046	446	645.9
Essex	316,363	549	173.5
Frontenac	113,941	448	393.2
Grey	72,366	287	396.6
Haldimand-Norfolk	89,742	262	291.9
Haliburton	10,202	18	176.4
Halton	241,103	412	170.9
Hastings	105,738	223	210.9
Huron	55,317	242	437.5
Kenora	58,389	226	387.1
Kent	106,782	307	287.5
Lambton	123,043	341	277.1
Lanark	44,833	220	490.7
Leeds & Grenville	79,909	423	529.4
Lennox & Addington	32,670	80	244.9
Manitoulin	10,936	40	365.8
Middlesex	317,365	1,229	387.2
Muskoka	37,809	89	235.4
R.M. of Niagara	367,183	815	222.0
Nipissing	79,646	362	454.5
Northumberland	65,779	108	164.2
Ottawa-Carleton	533,326	889	166.7
Oxford	84,760	261	307.9
Parry Sound	31,676	149	470.4
Peel	421,656	724	171.7
Perth	66,234	226	341.2
Peterborough	99,478	288	289.5
Prescott & Russell	50,770	92	181.2
Prince Edward	21,733	75	345.1
Rainy River	24,386	126	516.7
Renfrew	87,971	241	273.9
Simcoe	220,373	649	294.5
Stormont, Dundas & Glengarry	100,501	241	239.8
Sudbury	189,506	450	237.5
Thunder Bay	150,269	636	423.2
Timiskaming	41,642	172	413.0
Victoria	45,298	129	284.8
Waterloo	303,492	580	191.1
Wellington	131,287	414	315.3
Hamilton-Wentworth	414,918	1,251	301.5
Metro Toronto	2,129,197	3,370	158.3
York	217,221	371	170.8

1) Population estimates June 1978 (Treasury and Economics)

2) Registered nursing assistants employed as at December 31, 1978

3) Includes 284 non-respondents

Source: College of Nurses of Ontario

Table 5-7
Dentists Licenced to Practice, Ontario, 1950-1978¹

	Number ²	Population per Dentist
1950	2,103	2,161
1951	2,154	2,186
1952	2,218	2,199
1953	2,220	2,271
1954	2,231	2,332
1955	2,270	2,356
1956	2,297	2,412
1957	2,370	2,424
1958	2,476	2,386
1959	2,477	2,443
1960	2,513	2,461
1961	2,522	2,499
1962	2,552	2,518
1963	2,599	2,527
1964	2,623	2,563
1965	2,687	2,563
1966	2,732	2,589
1967	2,810	2,577
1968	2,929	2,523
1969	3,013	2,508
1970	3,227	2,340
1971	3,211	2,399
1972	3,461	2,264
1973	3,573	2,222
1974	3,625	2,233
1975	3,902	2,108
1976	4,085	2,023
1977	4,085	2,046
1978	4,151	2,034

1) Figures as of December 31. Data for 1950 to 1969 were obtained from Canadian Dental Association. Data for 1970 to 1978 were obtained from the Royal College of Dental Surgeons of Ontario.

2) The total number of licenced dentists has been assumed as resident in Ontario.

Source: Royal College of Dental Surgeons of Ontario.

Table 5-8
Dentists, by County, Ontario, 1978

	Estimated Population ¹	Dentists ²	Population Ratio
Ontario	8,443,800	4,151	2,034
Algoma	127,256	53	2,401
Brant	101,637	37	2,747
Bruce	59,229	17	3,484
Cochrane	95,263	16	5,954
Dufferin	31,487	14	2,249
R.M. of Durham	265,072	112	2,367
Elgin	69,046	17	4,062
Essex	316,363	132	2,397
Frontenac	113,941	57	1,999
Grey	72,366	27	2,680
Haldimand-Norfolk	89,742	26	3,452
Haliburton	10,202	2	5,101
Halton	241,103	119	2,026
Hastings	105,738	49	2,158
Huron	55,317	16	3,457
Kenora	58,389	17	3,435
Kent	106,782	36	2,966
Lambton	123,043	42	2,930
Lanark	44,833	15	2,989
Leeds & Grenville	79,909	30	2,664
Lennox & Addington	32,670	4	8,168
Manitoulin	10,936	3	3,645
Middlesex	317,365	215	1,476
Muskoka	37,809	14	2,701
R.M. of Niagara	367,183	157	2,339
Nipissing	79,646	30	2,655
Northumberland	65,779	19	3,462
Ottawa-Carleton	533,326	299	1,784
Oxford	84,760	38	2,231
Parry Sound	31,676	13	2,437
Peel	421,656	155	2,720
Perth	66,234	21	3,154
Peterborough	99,478	44	2,261
Prescott & Russell	50,770	13	3,905
Prince Edward	21,733	6	3,622
Rainy River	24,386	6	4,064
Renfrew	87,971	33	2,666
Simcoe	220,373	83	2,655
Stormont, Dundas & Glengarry	100,501	23	4,370
Sudbury	189,506	58	3,267
Thunder Bay	150,269	64	2,348
Timiskaming	41,642	19	2,192
Victoria	45,298	12	3,775
Waterloo	303,492	136	2,232
Wellington	131,287	60	2,188
Hamilton-Wentworth	414,918	204	2,034
Metro Toronto	2,129,197	1,495	1,424
York	217,221	93	2,336

1) Population estimates June 1978 (Treasury and Economics)

2) Royal College of Dental Surgeons of Ontario Statistical Report.

Source: Royal College of Dental Surgeons of Ontario.

Table 5.9**Expenditures on Health, Canada and Ontario, 1960-1978**

	Total	Hospital Care	Physicians' Services	Dentists' Services	Prescribed Drugs	Other Health Expense
Canada	\$ million					
1960	2,164.1 ^r	843.9 ^r	355.0	109.6	132.6	723.0
1961	2,358.9 ^r	940.7 ^r	388.3	116.7	135.8	777.4
1962	2,544.8 ^r	1,043.3 ^r	406.1	121.5	144.4	829.5
1963	2,982.6 ^r	1,163.4 ^r	453.4	136.9	161.7	867.2
1964	3,032.0 ^r	1,288.2 ^r	495.7	147.8	178.6	921.7
1965	3,378.9 ^r	1,451.1 ^r	545.1	160.1	211.5	1,011.1
1966	3,789.9 ^r	1,656.6 ^r	605.2	176.4	232.0	1,119.7
1967	4,266.5 ^r	1,902.4 ^r	686.2	187.2	265.5	1,225.2
1968	4,840.5 ^r	2,206.2 ^r	788.1	212.2	297.3	1,336.7
1969	5,378.0 ^r	2,443.1 ^r	901.4	241.0	331.8	1,460.7
1970 ^r	6,073.5	2,758.6	1,040.7	265.0	368.7	1,640.5
1971 ^r	6,941.8	3,078.5	1,250.4	311.5	402.5	1,898.9
1972 ^r	7,557.6	3,365.2	1,386.2	250.6	421.1	2,034.5
1973 ^r	8,447.5	3,783.2	1,483.4	419.1	466.9	2,294.9
1974 ^r	9,986.9	4,639.1	1,659.7	483.9	498.0	2,706.2
1975 ^r	11,748.2	5,509.7	1,914.1	596.6	578.7	3,149.1
1976 ^p	13,613.0	6,436.8	2,103.2	699.8	660.2	3,713.0
1977 ^p	..	6,775.3	2,309.0	827.6	724.8	..
1978 ^p	..	7,341.1	2,539.1	918.1	825.3	..
Ontario						
1960	832,265 ^r	310,775 ^r	142,010	49,560	47,595	282,325
1961	914,972 ^r	347,947 ^r	154,813	53,414	47,288	311,310
1962	990,199 ^r	386,562 ^r	161,701	56,627	49,110	336,199
1963	1,078,414 ^r	427,331 ^r	182,704	62,580	57,760	348,039
1964	1,163,561 ^r	469,623 ^r	203,488	68,378	63,540	358,532
1965	1,286,143 ^r	522,742 ^r	225,669	74,648	75,011	388,073
1966	1,435,994 ^r	581,380 ^r	247,925	81,813	81,223	443,653
1967	1,653,028 ^r	690,741 ^r	286,618	85,603	94,443	495,623
1968	1,909,670 ^r	814,053 ^r	331,587	97,812	117,341	548,877
1969	2,114,524 ^r	901,764 ^r	378,872	110,869	131,200	591,819
1970 ^r	2,404,684	1,026,063	448,580	123,153	137,362	669,526
1971 ^r	2,746,053	1,168,178	510,559	147,405	147,456	772,455
1972 ^r	3,015,289	1,286,633	550,382	160,663	157,060	860,555
1973 ^r	3,299,988	1,414,510	579,615 ^r	195,442	172,192	938,229
1974 ^r	3,843,568	1,733,166	650,620	212,114	190,756	1,056,912
1975 ^r	4,533,882	2,073,369	752,196	253,830	240,551	1,213,936
1976 ^p	5,150,575	2,339,869	811,836	294,377	286,528	1,417,965
1977 ^p	..	2,534,084	890,118	349,526	324,356	..
1978 ^p	..	2,646,088	983,200	378,135	380,979	..

Source: Health and Welfare Canada, Health Information Division

Table 5.10

Expenditures per Person on Health, Canada and Ontario, 1960-1978

	Total	Hospital Care	Physicians' Services	Dentists' Services	Prescribed Drugs	Other Health Expense
Canada	Dollars					
1960	120.84 ^r	47.12 ^r	19.82	6.12	7.40	40.37
1961	129.11 ^r	51.49 ^r	21.25	6.39	7.43	42.55 ^r
1962	136.72 ^r	56.05 ^r	21.82	6.53	7.76	44.56
1963	146.73 ^r	61.31 ^r	23.91	7.22	8.53	45.73
1964	156.90 ^r	66.66 ^r	25.65	7.65	9.24	47.70
1965	171.71 ^r	73.74 ^r	27.70	8.13	10.75	51.38
1966	189.04 ^r	82.63 ^r	30.19	8.80	11.57	55.85
1967	209.02 ^r	93.20 ^r	33.62	9.17	13.01	60.02
1968	233.52 ^r	106.43 ^r	38.02	10.24	14.34	64.49
1969	255.75 ^r	116.18 ^r	42.87	11.46	15.78	69.46
1970 ^r	284.82	129.37	48.80	12.43	17.29	76.93
1971 ^r	321.50	142.58	57.91	14.43	18.64	87.95
1972 ^r	346.33	154.21	63.52	16.07	19.30	93.23
1973 ^r	382.72	171.40	67.21	18.99	21.15	103.97
1974 ^r	445.94	207.15	74.11	21.61	22.24	120.84
1975 ^r	516.93	242.43	84.22	26.25	25.46	138.56
1976 ^p	591.23	279.56	91.34	30.39	28.67	161.26
1977 ^p	..	291.03	99.18	35.55	31.13	..
1978 ^p	..	312.48	108.08	39.08	35.13	..
Ontario						
1960	135.84 ^r	50.72 ^r	23.18	8.09	7.77	46.08
1961	146.41 ^r	55.69 ^r	24.78	8.55	7.57	49.83
1962	155.64 ^r	60.76 ^r	25.42	8.90	7.72	52.84
1963	165.99 ^r	65.77 ^r	28.12	9.63	8.89	53.57
1964	175.08 ^r	70.66 ^r	30.62	10.29	9.56	53.95
1965	189.06 ^r	76.84 ^r	33.17	10.97	11.03	57.04
1966	205.82 ^r	83.33 ^r	35.54	11.73	11.64	63.59
1967	231.44 ^r	96.71 ^r	40.13	11.99	13.22	69.39
1968	262.48 ^r	111.89 ^r	45.58	13.44	16.13	75.44
1969	285.80 ^r	121.88 ^r	51.21	14.99	17.73	79.99
1970 ^r	317.83	135.61	59.29	16.28	18.16	88.49
1971 ^r	355.94	151.42	66.18	19.11	19.11	100.12
1972 ^r	385.54	164.51	70.37	20.54	20.08	110.03
1973 ^r	416.33	178.46	73.13	24.66	21.72	118.37
1974 ^r	476.60	214.91	80.68	26.30	23.65	131.06
1975 ^r	554.14	253.41	91.93	31.02	29.40	148.37
1976 ^p	622.25	282.69	98.08	35.56	34.62	171.31
1977 ^p	..	302.96	106.42	41.97	38.78	..
1978 ^p	..	313.13	116.35	44.75	45.09	..

Source: Health and Welfare Canada, Health Information Division

Table 3.11
Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1977-1979¹

Type and size of hospital	1977						1978						1979					
	Canada			Ontario			Canada			Ontario			Canada			Ontario		
	Number	Beds		Number	Beds		Number	Beds		Number	Beds		Number	Beds		Number	Beds	
All hospitals	1 389	201 413		352	68 563		1 315	184 655		315	59 777		1 313	185 787		307	60 597	
Public	1 171	191 334		287	65 389		1 105	176 264		254	57 929		1 099	177 732		250	58 791	
General and allied special	1 046	155 545		234	51 458		1 053	160 859		233	52 081		1 054	163 800		232	53 065	
General	855	121 484		191	44 186		856	123 801		190	44 764		863	125 996		199	45 728	
1 - 24 beds	210	3 253		4	80		205	3 173		4	80		215	3 293		14	241	
25 - 49 beds	186	6 519		31	1 175		190	6 633		32	1 217		187	6 520		32	1 217	
50 - 99 beds	139	9 665		38	2 758		136	9 470		36	2 625		138	9 719		36	2 643	
100 - 199 beds	119	16 038		37	4 943		122	16 510		37	4 991		121	16 508		35	4 722	
200 + beds	201	86 009		81	35 230		203	88 015		81	35 851		202	89 956		82	36 905	
Allied special	191	34 061		43	7 272		197	37 058		43	7 317		191	37 804		33	7 327	
Paediatric	8	2 873		2	1 088		8	2 873		2	1 088		8	2 861		2	1 088	
Rehabilitation (including convalescent)	22	2 547		6	631		21	2 455		6	631		20	2 361		6	631	
Extended care (including chronic) ⁴	122	26 981		23	5 033		127	29 921		23	5 034		129	30 251		23	5 205	
Other ⁵	39	1 660		12	520		41	1 809		12	564		34	2 331		2	403	
Hospitals for psychiatric disorders	121	35 556		53	13 931		52	15 405		21	5 848		45	13 932		18	5 736	
Alcoholic ²	12	468		3	147		3	193		2	129		3	193		2	129	
Hospital for retardates ⁷	45	14 232		29	7 746		-	-		-	-		-	-		-	-	
Mental	36	16 506		12	5 284		32	12 955		12	5 114		30	11 608		12	5 100	
Psychiatric	8	1 394		3	487		9	1 098		3	487		8	1 090		4	507	
Other ⁶	20	2 956		6	267		8	1 159		4	118		4	1 041		-	-	
Tuberculosis	4	233		-	-		-	-		-	-		-	-		-	-	

Table 5.11 (cont'd)
Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1977-1979¹

Type and size of hospital	1977			1978			1979		
	Canada		Ontario	Canada		Ontario	Canada		Ontario
	Number	Beds		Number	Beds		Number	Beds	
Proprietary	90	4,165	47	85	3,745	44	79	3,680	39
General and allied special	85	3,752	42	81	3,357	40	76	3,338	36
General	5	269	2	5	269	2	4	86	2
Allied Special	80	3,483	40	76	3,088	38	72	3,252	34
Rehabilitation and extended care									
(including conv. & chronic) ^{3,4}	75	3,354	37	71	2,954	35	68	3,122	31
Other	5	129	3	5	134	3	4	130	3
Hospital for psychiatric disorders	5	413	5	4	388	4	3	342	3
Alcoholic	1	23	1	-	-	-	-	-	-
Hospital for retardates	-	-	-	-	-	-	-	-	-
Mental	-	-	-	-	-	-	-	-	-
Psychiatric	3	342	3	3	342	3	3	342	3
Other ⁵	1	48	1	1	46	1	-	-	-
Federal	128	5,914	18	125	4,646	17	135	4,375	18
General and allied special	128	5,914	18	125	4,646	17	135	4,375	18
General	28	4,169	4	24	2,912	3	19	2,359	3
Allied Special	100	1,745	14	101	1,734	14	116	2,016	15
Rehabilitation and extended care									
(including conv. & chronic) ⁴	1	1,130	-	1	1,130	-	1	1,130	-
Other	99	615	14	100	604	14	115	886	15

¹ Data are as of January 1st.

² Includes the Alcoholism and Drug Addiction Research Foundation, (The Clinical Institute, Toronto)

³ Includes 21 contract nursing homes in Ontario with 202 beds in 1978, includes 22 contract nursing homes in Ontario with 477 beds in 1977 and 1976

⁴ The former Tuberculosis Sanatoria in Ontario are presently included under Extended Care.

⁵ Includes Maternity, Orthopedic, Neurological, Cancer, Outpost hospitals, etc.

⁶ Includes Emotionally Disturbed Children, Epilepsy and mental other. 1976 Data also includes aged and senile.

⁷ Commencing in 1978, the hospitals for retardates, previously listed in this table, will be listed as Special Care Facilities.

Source: SC, *Canadian Hospitals and Related Facilities*.

Table 5.12

Selected Summary Data of Reporting Hospitals for Adults and Children, Canada and Ontario, 1966-1978-79

	Separations ²		Patient-days ²		Paid hours ³ per patient-day		Total operating expense per patient-day	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Public, general ⁴ and allied special hospitals								\$
1966	3,041,970	1,021,838	35,905,717	13,133,509	13.4	13.3	36.06	35.69
1967	3,086,166	1,043,269	36,806,871	13,422,942	13.9	13.6	40.38	40.41
1968	3,206,417	1,086,416	38,312,318	13,825,167	14.0	14.0	45.01	46.95
1969	3,285,094	1,152,779	38,955,666	14,236,837	13.3	13.3	50.69	52.50
1970	3,427,673	1,238,356	40,042,058	14,650,622	13.3	13.3	56.24	58.23
1971	3,556,582	1,285,855	40,908,429	14,767,512	13.3	13.6	61.58	64.99
1972	3,596,712	1,323,987	40,643,101	14,703,477	13.5	13.9	68.52	72.17
1973	3,657,620	1,350,823	40,757,455	14,370,230	13.7	14.3	77.09	81.49
1974	3,703,264	1,387,965	41,758,504	14,642,954	13.9	14.1	93.23	97.36
1975	3,701,473	1,413,307	42,844,899	14,696,385	14.2	14.3	106.48	114.51
1976	3,652,005	1,406,023	44,993,274	14,414,625	13.6	14.2	126.07	137.42
1977-78 ^p	3,602,249	1,319,223	46,003,562	14,622,859	13.6	14.1	133.90	148.43
1978-79 ^p	3,567,497	1,277,756	46,615,745	14,675,002	13.7	14.3	146.66	161.07
Public mental hospitals								
1966	54,645	17,840	23,535,843	7,833,261	..	..	10.08	10.79
1967	57,076	21,114	22,494,813	7,656,147	..	..	12.23	13.60
1968	60,279	24,547	21,523,497	7,127,566	..	..	13.84	17.24
1969	57,981	22,724	21,164,148	6,606,444	..	..	16.79	20.67
1970	59,927	23,170	20,112,599	6,268,236	..	..	19.74	24.58
1971	51,241	22,740	19,253,011	5,890,050	..	..	22.52	30.15
1972	58,486	22,903	18,022,755	5,688,407	..	..	26.22	35.03
1973	59,840	24,742	17,118,841	5,257,787	..	..	30.76	42.03
1974	58,169	25,261	15,547,115	4,950,612	..	..	38.38	57.53
1975	58,009	25,438	14,761,013	4,644,165	..	..	46.59	63.21
1976	..	..	11,046,132	4,736,579	..	..	60.47	74.80
1977	..	..	5,054,441	2,164,160	..	..	86.10	110.67
1978	..	..	..	..	..	..	..	..
Public tuberculosis sanatoria								
1966	9,152	2,114	1,210,111	271,492	6.6	7.6	21.76	22.14
1967	8,927	2,140	1,149,572	252,293	7.6	7.8	23.41	24.72
1968	7,900	1,882	1,000,375	209,017	7.9	8.4	27.19	29.28
1969	7,754	1,806	874,406	188,244	7.9	7.9	30.77	32.50
1970	6,344	1,698	680,198	154,104	8.8	8.8	35.85	37.36
1971	5,390	1,398	538,939	116,836	9.9	9.5	41.56	42.58
1972	3,170	-	299,339	-	10.0	-	44.95	-
1973	2,359	-	237,065	-	9.6	-	48.07	-
1974	1,224	-	113,410	-	12.4	-	65.34	-
1975	1,318	-	108,757	-	11.6	-	79.70	-
1976	..	..	..	..	..	..	..	..
1977	..	..	..	..	..	..	..	..
1978	..	..	..	..	..	..	..	..

1) 1965-1975 data are final. Children's hospitals included in general hospitals in 1967 to 1968, excluded from this group from 1969 to 1973.

2) 1965-1972 figures for separations and patient-days are from reporting hospitals.

3) Excludes student classroom hours and medical staff.

4) Pediatric hospitals were included in general hospitals in 1966 to 1968.

Source: SC, *Hospital Statistics*.

Table 5.13

Hospital Separations, Days of Hospitalization, Hospital Separation Rates and Average Days per Stay, by Sex, Canada and Ontario, Selected Years, 1966–1977

	Canada			Ontario		
	Male	Female	Total	Male	Female	Total
Separations						
1966	1,300,559	1,845,471	3,146,030	428,197	621,179	1,049,376
1968	1,349,120	1,906,045	3,255,165	440,256	641,077	1,081,333
1969	1,372,419	1,936,228	3,308,647	469,614	675,106	1,144,720
1970	1,425,126	2,024,197	3,449,323	500,893	724,976	1,225,869
1971	1,471,637	2,097,250	3,568,887	512,252	751,489	1,263,741
1972	1,510,142	2,124,564	3,634,706	546,302	787,852	1,334,154
1973	1,541,695	2,151,857	3,693,552	561,455	796,397	1,357,852
1974	1,552,728	2,162,204	3,714,932	573,249	811,011	1,384,260
1975	1,529,469	2,147,811	3,677,280	574,382	815,460	1,389,842
1976	1,512,207	2,110,933	3,623,140	573,355	801,361	1,374,716
1977	1,496,038	2,090,195	3,586,233	541,335	760,833	1,302,168
Separation Rate per 100,000						
1966	12,971	18,564	15,756	12,307	17,841	15,075
1968	12,992	18,476	15,756	12,063	17,534	14,801
1969	13,023	18,475	15,710	12,618	18,098	15,361
1970	13,335	19,011	16,168	13,140	18,954	16,052
1971	13,673	19,503	16,587	13,337	19,458	16,406
1972	13,862	19,476	16,671	14,015	20,018	17,031
1973	13,991	19,503	16,717	14,200	19,985	17,104
1974	13,874	19,286	16,582	14,216	19,969	17,103
1975	13,467	18,856	16,165	14,026	19,742	16,896
1976	13,230	18,314	15,783	13,995	19,228	16,634
1977	12,952	17,915	15,446	13,085	18,038	15,585
Days Stay						
1966	16,952,917	21,329,151	38,282,068	5,993,451	8,112,653	14,106,104
1968	16,622,512	20,792,830	37,415,342	5,334,184	7,074,975	12,409,159
1969	17,340,777	21,980,205	39,320,982	6,253,369	8,560,170	14,813,539
1970	17,714,406	22,642,613	40,357,019	6,391,488	8,638,221	15,029,709
1971	18,148,232	23,080,081	41,228,313	6,360,263	8,704,727	15,064,990
1972	18,555,261	23,471,970	42,027,231	6,564,242	8,753,646	15,317,888
1973	18,432,754	23,157,476	41,590,230	6,479,456	8,566,863	15,046,319
1974	18,442,744	23,398,745	41,841,489	6,449,433	8,679,990	15,129,423
1975	17,964,804	22,959,707	40,924,511	6,189,577	8,371,230	14,560,807
1976	17,400,375	22,218,925	39,619,300	6,071,816	8,195,487	14,267,303
1977	17,536,449	22,457,195	39,993,644	6,087,005	8,209,281	14,296,286
Average Days per Separation						
1966	13.0	11.6	12.2	14.0	13.1	13.4
1968	12.3	10.9	11.5	12.1	11.0	11.5
1969	12.6	11.4	11.9	13.3	12.7	12.9
1970	12.4	11.2	11.7	12.8	11.9	12.3
1971	12.3	11.0	11.6	12.4	11.6	11.9
1972	12.3	11.0	11.6	12.0	11.0	11.5
1973	12.0	10.8	11.3	11.5	10.8	11.1
1974	11.9	10.8	11.3	11.3	10.7	10.9
1975	11.7	10.7	11.1	10.8	10.3	10.5
1976	11.5	10.5	10.9	10.6	10.2	10.4
1977	11.7	10.7	11.2	11.2	10.8	11.0

Source: SC, Hospital Morbidity Section, Health Division.

Table 5.14
Reported Cases of Notifiable Diseases, Canada and Ontario, 1978-1979

Disease	1978		1979	
	Canada	Ontario	Canada	Ontario
Anthrax	-	-	-	-
Botulism	2	-	-	-
Chancroid	12	-	8	2
Cholera	-	-	-	-
Diphtheria	119	3	83	1
Food Poisoning	280	-	950	682
Gonococcal Infections	48,751	15,859	50,056	16,657
Hepatitis-A	2,734	476	1,610	370
-B	849	369	1,022	670
Lassa Fever	..	..	-	-
Leprosy	15	3	9	6
Measles	5,865	2,828	22,527	7,483
Meningitis Encephalitis				
Bacterial	..	..	409	176
Viral	..	..	670	307
Meningococcal Infections	355	115	303	108
Paratyphoid	39	17	48	15
Pertussis	2,673	2,151	2,116	1,269
Plague	-	-	-	-
Poliomyelitis	8	6	3	2
Rabies	-	-	-	-
Rubella	3,273	1,305	8,142	1,818
Congenital Rubella	..	27	..	22
Salmonellosis	6,781	2,796	7,199	2,859
Shigellosis	1,184	281	1,318	339
Smallpox	-	-	-	-
Syphilis	2,856	1,576	2,835	1,650
Trichinosis	32	16	17	7
Tuberculosis	..	..	2,525	812
Typhoid	105	48	105	49
Viral Haemorrhagic Fever	..	-	..	-
Yellow Fever	-	-	-	-

Source: SC. Notifiable Diseases Summary

Table 5.15
Notifiable Diseases and Rates, Ontario, 1977-1979

Diseases	Reported Cases			Population Rate per 100,000			Mean Rate Per 100,000 Population	
	1977	1978	1979	1977	1978	1979	1969-1978	1974-1978
Amoebiasis	750	774	707	8.9	9.2	8.3	3.5	8.3
Anthrax	—	—	—	0.0	0.0	0.0	0.0	0.0
Brucellosis	12	1	4	0.1	—	—	—	0.1
Chickenpox	19,451	12,984	20,803	232.0	153.8	244.7	100.3	184.2
Diphtheria	10	2	1	0.1	—	—	0.1	0.1
Gastroenteritis	..	73	351	..	0.9	4.1	0.1	0.2
Giardiasis	..	1,732	2,576	..	20.5	30.3	1.4	4.1
Guillain Barré Syndrome	..	3	3	..	—	—	—	—
Influenza	7,787	9,956	13,120	83.8	117.9	154.4	62.4	90.1
Legionnaires' Disease	..	21	34	..	0.2	0.4	—	—
Leprosy (Hansen's Disease)	10	3	6	0.1	—	0.1	0.1	0.1
Malaria	53	70	95	0.6	0.8	1.1	0.2	0.5
Measles	3,946	2,828	7,483	47.1	33.5	88.0	29.7	39.1
Meningitis (Aseptic)	..	24	34	..	0.3	0.4	—	0.1
Meningitis (Mycotic)	..	1	7	..	—	0.1	—	—
Meningococcal Meningitis	62	112	108	0.7	1.3	1.3	0.7	1.2
Meningo-encephalitis	..	131	298	..	1.6	3.5	0.1	0.3
Mumps	4,423	5,913	5,352	52.8	70.0	63.0	56.9	73.3
Ophthalmia Neonatorum	..	1	1	..	—	—	—	—
Paratyphoid Fever	12	15	15	0.1	0.2	0.2	0.1	0.2
Pertussis	1,138	2,151	1,269	13.6	25.5	14.9	7.8	17.5
Poliomyelitis	—	6	2	0.0	0.1	—	—	—
Psittacosis	3	1	1	—	—	—	—	—
Rabies	—	—	—	0.0	0.0	0.0	0.0	0.0
Reye's Disease	..	3	6	..	—	0.1	—	—
Rocky Mountain Spotted Fever	1	—	—	—	0.0	0.0	—	—
Rubella	918	1,305	1,818	10.9	15.5	21.4	18.5	24.4
Salmonellosis	1,970	2,790	2,859	23.5	33.0	33.6	11.2	19.5
Shigellosis	316	281	339	3.8	3.3	4.0	2.9	4.0
Tetanus	3	5	1	—	—	—	—	—
Toxoplasmosis	18	146	38	0.2	1.7	0.4	0.1	0.4
Trichinosis	10	15	7	0.1	0.2	0.1	—	0.1
Tularaemia	3	—	—	—	0.0	0.0	—	—
Typhoid Fever	49	46	49	0.6	0.5	0.6	0.3	0.7
Viral Hepatitis—A	558	476	370	6.7	5.6	4.4	9.9	7.4
B	292	369	670	3.5	4.4	7.9	1.5	3.2
C	..	..	29	..	..	0.3	..	..
Unspecified	73	103	71	0.9	1.2	0.8	0.6	1.1
Yersiniosis	..	..	107	..	..	1.3	..	..

Source: Ontario Ministry of Health, Program Advisory Branch, Communicable Disease Control

Table 5.16

Death from Cancer and Heart Disease by Sex, Canada and Ontario, 1969–1977

	Cancer		Heart Disease	
	Canada	Ontario	Canada	Ontario
1969				
Total	29,627	10,661	54,591	20,934
Male	16,480	5,907	32,976	12,331
Female	13,147	4,754	21,615	8,603
1970				
Total	30,483	10,938	55,140	21,313
Male	17,048	6,080	33,318	12,632
Female	13,435	4,858	21,822	8,681
1971				
Total	31,036	10,952	54,965	21,280
Male	17,398	6,051	33,147	12,484
Female	13,638	4,901	21,818	8,796
1972				
Total	32,265	11,679	56,228	21,754
Male	17,886	6,308	33,858	12,753
Female	14,379	5,371	22,370	9,001
1973				
Total	33,069	11,951	56,656	22,049
Male	18,393	6,521	33,774	12,756
Female	14,676	5,430	22,882	9,293
1974				
Total	33,751	12,218	58,191	22,417
Male	18,655	6,568	34,590	12,972
Female	15,096	5,650	23,601	9,445
1975				
Total	34,019	12,362	56,970	22,052
Male	19,057	6,755	33,907	12,744
Female	14,962	5,607	23,063	9,308
1976				
Total	34,832	12,657	58,010	22,246
Male	19,529	6,980	34,576	12,896
Female	15,303	5,677	23,434	9,350
1977				
Total	36,419	13,342	56,106	22,031
Male	20,378	7,285	33,671	12,853
Female	16,041	6,057	22,435	9,178

Source: SC, *Vital Statistics*, (84-203)

Table 5.17

Deaths from all Forms of Tuberculosis and Rates, Canada and Ontario, 1950–1978

Year	Number		Rate per 100,000 Population	
	Canada	Ontario	Canada	Ontario
1950	3,679	585	26.8	13.1
1951	3,481	579	24.8	12.6
1952	2,538	398	17.6	8.3
1953	1,861	311	12.5	6.3
1954	1,593	307	10.4	6.0
1955	1,403	242	8.9	4.6
1956	1,256	221	7.8	4.1
1957	1,183	221	7.1	3.9
1958	1,027	186	6.0	3.2
1959	959	166	5.5	2.8
1960	823	157	4.6	2.6
1961	769	137	4.2	2.2
1962	785	164	4.2	2.6
1963	756	153	4.0	2.5
1964	670	146	3.5	2.2
1965	697	148	3.6	2.2
1966	669	132	3.3	1.9
1967	658	144	3.2	2.0
1968	630	129	3.0	1.8
1969	526	96	2.5	1.3
1970	527	102	2.5	1.3
1971	447	85	2.1	1.1
1972	453	84	2.1	1.1
1973	408	86	1.8	1.1
1974	330	78	1.5	1.0
1975	278	68	1.2	0.8
1976	264	63	1.1	0.8
1977	260	55	1.1	0.7
1978	220	54	0.9	0.6

Source: SC, *Tuberculosis Statistics, Vol. I, Tuberculosis Morbidity and Mortality*.

Table 5.18

Notified Cases of Active Tuberculosis, by County, Ontario, 1978

	Total Cases 1978	Notified		Percent Notified 1974-1978
		Number	Percent 1978	
Ontario	817	666	81.5	84.4
Algoma	4	4	100.0	82.0
Brant	7	6	85.7	48.8
Bruce	5	4	80.0	71.4
Cochrane	14	7	50.0	66.7
Dufferin	1	—	—	60.0
Dundas	—	—	—	75.0
Durham ¹	16	14	87.5	94.4
Elgin	3	2	66.7	66.7
Essex	29	29	100.0	92.5
Frontenac	4	4	100.0	83.8
Glengarry	1	1	100.0	90.9
Grenville	—	—	—	75.0
Grey	—	—	—	88.9
Haldimand-Norfolk ²	1	—	—	75.0
Haliburton	—	—	—	100.0
Halton	11	5	45.5	63.5
Hamilton-Wentworth	38	28	73.7	72.2
Hastings	5	4	80.0	62.5
Huron	—	—	—	71.4
Kenora ³	24	17	70.8	74.7
Kent	10	10	100.0	87.5
Lambton	11	8	72.7	69.4
Lanark	1	—	—	18.2
Leeds	2	2	100.0	71.4
Lennox and Addington	—	—	—	50.0
Manitoulin	1	1	100.0	100.0
Middlesex	14	12	85.7	78.5
Muskoka	1	—	—	72.7
Niagara ⁴	21	14	66.7	78.4
Nipissing	8	1	12.5	16.0
Northumberland	2	1	50.0	50.0
Ottawa-Carleton	33	31	93.9	92.6
Oxford	3	2	66.7	38.1
Parry Sound	2	2	100.0	63.6
Peel	32	26	81.3	75.3
Perth	6	5	83.3	71.4
Peterborough	2	1	50.0	78.9
Prescott	1	—	—	58.8
Prince Edward	1	1	100.0	80.0
Rainy River	3	3	100.0	94.7
Renfrew	4	3	75.0	65.0
Russell	2	1	50.0	85.7
Simcoe	8	4	50.0	72.1
Stormont	5	4	80.0	78.1
Sudbury	13	8	61.5	87.1
Thunder Bay	20	17	85.0	78.0
Timiskaming	2	2	100.0	88.2
Victoria	2	1	50.0	77.8
Waterloo	17	11	64.7	86.9
Wellington	4	1	25.0	74.1
Metro Toronto	389	342	87.9	92.0
York	21	16	76.2	68.6
No Fixed Address, etc.	11	10	90.9	84.8

1) The Regional Municipality of Durham was formed January 1, 1974 by the amalgamation of Durham and Ontario Counties.

2) The Regional Municipality of Haldimand-Norfolk was formed April 1, 1974 by the amalgamation of Haldimand and Norfolk Counties.

3) Kenora includes the County of Kenora and District of Patricia.

4) The Regional Municipality of Niagara was formed January 1, 1970 by the amalgamation of Lincoln and Welland Counties.

Table 5.19

Tuberculosis by Site and Type of Disease Among Canadian-born, Registered Indians and Foreign-born, Ontario, 1978

	Canadian-born (excluding Indians)		Canadian Indians		Foreign-born		Total ¹	
	No.	%	No.	%	No.	%	No.	%
Respiratory	236	37.7	39	6.2	351	56.1	626	100.0
Post-Primary	201	37.4	28	5.2	309	57.4	538	100.0
Far Advanced	37	51.4	4	5.6	31	43.1	72	100.0
Moderately Advanced	76	36.4	14	6.7	119	56.9	209	100.0
Minimal & Extent								
Unspecified	88	34.2	10	3.9	159	61.9	257	100.0
Primary	14	66.7	4	19.0	3	14.3	21	100.0
Miliary	4	17.4	6	26.1	13	56.5	23	100.0
Pleurisy	16	40.0	1	2.5	23	57.5	40	100.0
Other								
Respiratory	1	25.0	—	—	3	75.0	4	100.0
Non-Respiratory	51	26.7	4	2.1	136	71.2	191	100.0
Genito-Urinary	19	31.7	1	1.7	40	66.7	60	100.0
Lymph Gland	12	14.5	2	2.4	69	83.1	83	100.0
Bone and Joint	7	38.9	—	—	11	61.1	18	100.0
Central								
Nervous								
System	4	57.1	1	14.3	2	28.6	7	100.0
Alimentary	2	28.6	—	—	5	71.4	7	100.0
Skin	4	66.7	—	—	2	33.3	6	100.0
Other Organs	3	30.0	—	—	7	70.0	10	100.0
All Cases	287	35.1	43	5.3	487	59.6	817	100.0

¹ Excludes 17 cases in which country of birth was not known.

Source: Ministry of Health, *Tuberculosis in Ontario 1977*.

Table 5.20

Deaths Attributed to Tuberculosis, Ontario, 1978

Age Group	Males			Females			Total		
	Number	Population ¹	Rate per 100,000	Number	Population ¹	Rate per 100,000	Number	Population ¹	Rate per 100,000
0-9	—	640,320	—	—	608,661	—	—	1,248,981	—
10-24	—	1,192,225	—	—	1,154,970	—	—	2,347,195	—
25-34	—	687,980	—	—	692,490	—	—	1,380,470	—
35-44	2	504,580	0.4	—	494,866	—	2	999,446	0.02
45-54	—	470,398	—	2	468,430	0.4	2	938,828	0.02
55-64	5	356,024	1.4	4	384,492	1.0	9	740,516	1.20
65-69	3	129,697	2.3	2	149,127	1.3	5	278,824	1.80
70 +	20	201,058	9.9	15	308,482	4.9	35	509,540	6.90
Total	30	4,182,282	0.7	23	4,261,518	0.5	53	8,443,800	0.62

¹ Population estimates for 1978 provided by Ontario Ministry of Treasury, Economics and Intergovernmental Affairs.

Source: Ministry of Health, *Tuberculosis in Ontario, 1977*.

Table 5.21
Types of Psychiatric Inpatient Facilities Reporting, Canada and Ontario, 1974-1977

Type of institution	1974		1975		1976		1977	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
All institutions	333	122	365	135	372	143	359 ^r	124 ^r
Public mental hospital	43	15	46	15	45	14	42	13
Private mental hospital	-	-	-	-	-	-	-	-
Public psychiatric hospital	11	4	10	3	10	3	10	3
Private psychiatric hospital	3	3	3	3	3	3	3	3
Aged and senile home	6	-	5	-	5	-	5	-
Public psychiatric unit	116	48	129	50	135	53	149 ^r	60
Federal psychiatric unit	8	2	7	2	7	2	7 ^r	2 ^r
Public hospital for addicts	15	3	19	3	20	4	20	4
Private hospital for addicts	1	-	1	-	-	-	-	-
Public treatment centre for emotionally disturbed children	23	5	22	5	22	5	22 ^r	5 ^r
Private treatment centre for emotionally disturbed children	24	13	33	21	36	24	36 ^r	24 ^r
Epilepsy hospital	2	-	2	-	2	-	2	-
Public institution for the mentally retarded	71	19	78	23	77	25	53 ^r	-
Private institution for the mentally retarded	10	10	10	10	10	10	10 ^r	10 ^r

Source: SC, Mental Health Statistics, Vol. 1, Institutional Admissions and Separations.
Preliminary Patient Movement.

Table 5.22

Patients on the Books and Admissions of Psychiatric Facilities¹ by Age Group, Ontario, 1961-1978-79³

	Age Group							Total ²
	0-14	15-24	25-34	35-44	45-54	55-64	65 +	
Patients on the Books								
1961	2,715	3,151	3,049	3,746	4,013	3,658	4,553	24,885
1962	3,077	3,424	2,920	3,640	3,491	3,207	3,690	23,444
1963	3,133	3,654	2,969	3,503	3,377	3,101	3,566	23,283
1964	3,116	3,918	2,936	3,557	3,405	3,042	3,610	23,584
1965	2,908	3,945	2,795	3,405	3,233	2,835	3,002	22,123
1966	2,768	4,172	2,760	3,077	2,998	2,591	2,799	21,165
1967	2,694	4,164	2,734	2,832	2,648	2,251	2,308	19,631
1968	2,429	3,975	2,377	2,287	2,289	1,946	1,966	17,269
1969	2,154	3,951	2,376	2,202	2,147	1,767	1,782	16,379
1970	1,942	3,949	2,355	1,987	2,033	1,612	1,558	15,436
1971	1,796	4,008	2,390	1,911	2,058	1,647	1,694	15,504
1972	1,569	3,877	2,494	1,864	2,023	1,617	1,622	15,066
1973	1,424	3,714	2,477	1,745	1,921	1,580	1,578	14,439
1974	146	720	932	922	1,181	1,047	1,213	6,161
1975	145	721	858	763	940	867	1,122	5,416
1976	132	697	914	713	809	764	1,001	5,030
1977-78 ⁴	25	711	933	637	690	680	932	4,608
1978-79	24	652	919	621	618	599	924	4,357
Admissions								
1961	896	1,242	1,743	1,873	1,418	888	1,463	9,523
1962	1,165	1,497	2,086	2,254	1,584	1,042	1,654	11,282
1963	966	1,738	2,394	2,550	1,640	1,092	1,624	12,004
1964	977	1,911	2,374	2,565	1,735	1,134	1,585	12,281
1965	787	1,910	2,345	2,673	1,949	1,268	1,615	12,547
1966	958	2,284	2,694	3,139	2,224	1,404	1,782	14,485
1967	1,177	2,481	2,966	3,360	2,527	1,686	1,924	16,121
1968	1,339	2,875	3,268	3,520	2,796	1,786	1,915	17,499
1969	1,281	3,177	3,262	3,641	2,753	1,616	1,573	17,303
1970	1,299	3,425	3,221	3,436	2,685	1,535	1,370	16,971
1971	1,369	3,657	3,179	3,311	2,715	1,619	1,456	17,306
1972	1,286	3,572	3,352	3,283	2,902	1,609	1,298	17,302
1973	1,519	3,588	3,344	3,162	2,968	1,723	1,603	17,907
1974	479	3,349	3,343	3,017	2,707	1,462	1,372	15,729
1975	489	3,249	3,554	2,915	2,623	1,606	1,325	15,761
1976	403	2,916	3,244	2,431	2,293	1,379	1,244	13,910
1977-78 ⁴	370	3,305	3,934	2,859	2,599	1,608	1,374	16,049
1978-79	105	2,818	3,424	2,119	1,927	1,216	1,058	12,667

¹ Includes Psychiatric Hospitals and Facilities for the Retarded.

² Includes patients for whom the age was not stated.

³ Figures do not include facilities for the retarded starting in 1974.

⁴ 15 month period-Jan. 1, 1977 to March 31, 1978.

Source: Ministry of Health, *Hospital Statistics, Mental Health Services*.

Table 5.23

Psychiatric Inpatient Facilities, First Admission Rates, Canada and Ontario, Selected Years, 1951-1977

	Canada	Ontario
	Rate per 100,000 Population	
1951	78	80
1961	153	177
1967	200	216
1968	210	233
1969	220	260
1970	241	287
1971	260	302
1972	247	310
1973	248	310
1974	268	341
1975	275	341
1976	261	323
1977	262	330

1) First admission is defined as the admission to a psychiatric inpatient facility of a person who has no record of previous care in any such facility.

Source: SC, *Mental Health Statistics, Vol. I, Institutional Admissions and Separations*.

Table 5.24

Psychiatric Inpatient Facilities, First Admissions and Readmissions¹, Canada and Ontario, Selected Years, 1951-1977

	First Admissions		Readmissions	
	Canada	Ontario	Canada	Ontario
1951	10,892	3,691	3,572	1,153
1961	27,821	11,028	17,661	6,113
1967	40,775	15,409	41,817	15,407
1968	43,600	16,987	44,777	17,749
1969	46,408	19,367	46,477	18,679
1970	51,527	21,907	50,180	20,572
1971	56,444	23,636	50,144	22,223
1972	53,928	24,253	52,283	23,029
1973	54,834	24,579	57,043	24,464
1974	60,131	27,628	61,197	24,992
1975	62,624	28,016	63,357	26,334
1976	60,069	26,710	65,849	28,303
1977	60,939	27,657	65,456	26,922

1) Readmission is defined as the admission of a person to a psychiatric inpatient facility who has a record of previous care in any such facility since 1976, transfers-in were included with the readmission counts.

Source: SC, *Mental Health Statistics, Vol. I, Institutional Admissions and Separations*.

Table 5.25

Average Daily Population of Mental Retardation Facilities¹ and Psychiatric Institutions², Ontario, 1950-1979

Year	Average Daily Population In Facilities and Institutions ³	Average Daily Population On Books
1950	16,867	18,726
1951	17,333	19,239
1952	17,871	20,073
1953	18,439	20,631
1954	19,308	21,526
1955	19,899	22,284
1956	20,305	22,879
1957	21,025	23,900
1958	20,998	24,022
1959	21,360	24,907
1960	21,593	25,263
1961	21,369	25,432
1962	19,489	23,227
1963	19,321	22,869
1964	19,565	22,775
1965	18,719	21,887
1966	18,142	20,366
1967	17,722	20,846
1968	16,111	18,187
1969	15,128	16,787
1970	14,538	15,935
1971	14,112	15,597
1972	13,783	15,323
1973	13,741	15,093
1974	12,625 ⁴	13,816 ⁵
1975	11,859 ⁴	12,965 ⁵
1976	11,160 ⁴	12,128 ⁵
1977	10,520 ⁴	11,451 ⁵
1978	9,894 ⁴	10,797 ⁵
1979	9,431 ⁴	10,304 ⁵

¹ Since 1974 Mental Retardation facilities have been administered by the Ministry of Community and Social Services under the Developmental Services Act 1974.

² The Psychiatric Institutions are administered by the Ministry of Health which also administered Mental Retardation Facilities prior to 1974. Up to 1974 both types of service were administered under the Mental Health Act.

³ Excludes patients in approved homes.

⁴ The average daily population in Psychiatric Institutions, 1974 through 1979 was 5,899; 5,125; 4,581; 4,329; 4,009; 3,865 respectively.

⁵ The average daily population on the books in the Psychiatric Institutions 1974 through 1979 was 6,567; 5,752; 4,569; 4,853; 4,513; 4,313 respectively.

Source: Ministry of Community and Social Services, Mental Retardation Facilities Division.

Ministry of Health, *Hospital Statistics* and Ministry of Health, Psychiatric Hospitals Branch.

Table 5.26

Patients on the Books of Psychiatric Hospitals by Diagnosis, Ontario, 1978-79

Diagnosis	In Hospital	In Approved Homes	On Leave of Absence	Total on Books		Rate per 100,000 Population
				Number	Per Cent	
With psychosis	2,615	98	199	2,912	66.8	34.5
Senile and presenile dementia	280	—	5	285	6.5	3.4
Alcoholic psychosis	92	1	1	94	2.2	1.1
Psychosis with intracranial infection	15	—	1	16	0.4	0.2
Psychosis with other cerebral condition	160	—	3	163	3.7	1.9
Psychosis with other physical condition	39	1	6	46	1.1	0.5
Schizophrenia	1,616	79	121	1,816	41.7	21.5
Affective psychoses	272	11	48	331	7.6	3.9
Paranoid states	45	2	5	52	1.2	0.6
Other psychoses	96	—	—	—	—	—
Unspecified psychosis	—	4	9	109	2.5	1.3
Without psychosis	1,296	34	115	1,445	33.2	17.1
Neuroses	157	10	24	191	4.4	2.3
Alcoholism	184	1	12	197	4.5	2.3
Mental retardation	301	3	14	318	7.3	3.8
Epilepsy	40	—	2	42	1.0	0.5
All other without psychosis	614	20	63	697	16.0	8.3
Total, all cases	3,911	132	314	4,357	100.0	51.6

Source: Ministry of Health, *Hospital Statistics*.

Table 5.27Discharges and Discharge Rates from Psychiatric Facilities¹ by Age Group, Ontario, 1959-1978-79²

	Age Group							
Year	0-14	15-24	25-34	35-44	45-54	55-64	65 +	Total
Number of Persons								
1959	27	747	1,354	1,348	999	586	508	5,569
1960	75	857	1,515	1,520	1,063	726	561	6,317
1961	326	1,037	1,720	1,920	1,457	1,029	1,287	8,777
1962	412	1,253	2,137	2,382	1,957	1,415	1,815	11,371
1963	455	1,586	2,332	2,527	1,735	1,168	1,098	10,901
1964	528	1,734	2,308	2,515	1,702	1,061	1,010	10,858
1965	546	1,947	2,446	2,784	2,044	1,410	1,728	12,905
1966	561	2,188	2,757	3,397	2,425	1,600	1,546	14,474
1967	858	2,464	3,037	3,533	2,843	1,993	2,006	16,734
1968	1,015	3,166	3,670	3,960	3,153	2,124	1,913	19,001
1969	1,306	3,240	3,321	3,689	3,872	1,715	1,356	17,499
1970	1,108	3,493	3,324	3,575	2,791	1,657	1,336	17,284
1971	1,137	3,597	3,274	3,315	2,673	1,555	1,110	16,661
1972	1,148	3,660	3,408	3,259	2,950	1,579	1,158	17,162
1973	1,341	3,715	3,450	3,260	3,015	1,757	1,456	17,994
1974	432	3,339	3,366	3,095	2,950	1,669	1,412	16,263
1975	443	3,198	3,637	3,049	2,857	1,711	1,279	16,174
1976	384	2,900	3,229	2,490	2,372	1,455	1,200	14,030
1977-78 ³	388	3,164	3,982	2,952	2,668	1,653	1,257	16,064
1978-79	791	2,656	3,337	2,064	1,877	1,182	981	12,176
Rate per 100,000 Population								
1959	1.4	95.1	151.2	162.4	156.6	128.0	104.5	93.3
1960	3.8	106.4	169.9	178.8	162.1	155.2	113.0	103.4
1961	16.2	125.9	194.9	221.6	217.3	215.8	253.3	140.7
1962	20.1	146.9	246.9	269.9	286.1	290.5	350.3	179.3
1963	21.8	177.6	274.9	282.0	249.2	234.7	208.4	169.1
1964	24.9	183.3	273.6	275.3	239.8	207.5	187.5	164.9
1965	25.3	194.3	289.4	299.6	281.6	268.3	314.6	191.7
1966	25.4	201.8	312.9	360.6	325.8	297.7	272.3	207.9
1967	38.5	214.1	332.3	369.4	370.5	359.9	345.6	234.1
1968	45.4	261.4	388.4	411.7	399.1	372.0	322.3	260.1
1969	58.5	255.8	339.6	383.0	352.8	291.2	223.2	234.8
1970	49.4	262.6	324.1	369.4	332.4	273.0	214.6	226.3
1971	51.5	259.2	313.2	351.7	314.1	249.4	172.2	216.3
1972	52.1	256.6	311.6	345.9	338.4	247.7	175.4	219.1
1973	61.5	258.6	295.9	343.3	336.6	273.2	217.8	226.6
1974	20.1	225.6	271.4	325.8	320.6	256.8	204.6	201.0
1975	20.7	208.9	283.8	314.5	307.4	256.3	183.2	196.6
1976	18.5	186.8	248.0	258.1	253.2	209.2	162.5	169.8
1977-78 ⁴	14.7	160.9	241.2	241.5	224.9	187.8	134.6	153.5
1978-79	39.8	165.3	241.7	206.5	199.9	159.6	124.4	144.2

1) Includes Psychiatric Hospitals and Facilities for the Retarded.

2) Figures do not include facilities for the Retarded, in 1974 and subsequent years.

3) Figures are for 15 month period Jan. 1, 1977 to March 31, 1978.

4) These rates are calculated using 80% of the discharges for 15 months to estimate the rates for a 12 month period.

Source: Ministry of Health, *Hospital Statistics*.

Table 5.28

Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1978-79¹

Diagnosis	Length of Time on Books							
	Less than 1 month		1-3 months		4-7 months		8-11 months	
	Dis- charges	Deaths	Dis- charges	Deaths	Dis- charges	Deaths	Dis- charges	Deaths
With psychosis	2,617	27	1,731	31	857	26	251	8
Senile and presenile dementia	51	11	58	12	40	11	9	1
Alcoholic psychosis	86	1	39	4	27	1	10	1
Psychosis with intracranial infection	1	0	4	0	3	0	2	0
Psychosis with other cerebral condition	27	4	27	3	23	3	11	2
Psychosis with other physical condition	81	0	37	0	13	1	4	0
Schizophrenia	1,686	8	1,065	9	543	7	172	3
Affective psychoses	469	2	371	1	164	2	32	0
Paranoid states	78	0	48	1	15	1	4	0
Other psychoses	85	0	52	1	21	0	4	1
Unspecified psychosis	53	1	30	0	8	0	3	0
Without psychosis	4,069	12	1,318	9	469	7	104	1
Neuroses	640	2	251	1	98	1	11	0
Alcoholism	1,646	1	393	0	46	0	9	0
Mental retardation	190	1	104	1	47	1	21	0
Epilepsy	19	0	10	0	5	1	2	0
All other without psychosis	1,574	8	560	7	273	4	61	1
Observation & Unspecified	25	0	8	0	0	0	0	0
Total, all cases	6,711	39	3,057	40	1,326	33	355	9

Table 5.28 (cont'd)

Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1978-79¹

Diagnosis	Length of time on books							
	1-2 years		3-4 years		5 years and over		Total	
	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths
With psychosis	236	18	89	11	53	13	5,834	134
Senile and presenile dementia	13	9	4	3	3	4	178	51
Alcoholic psychosis	16	1	5	0	4	1	187	9
Psychosis with intracranial infection	0	0	2	0	1	1	13	1
Psychosis with other cerebral condition	5	4	5	5	1	3	99	24
Psychosis with other physical condition	4	0	0	0	0	0	139	1
Schizophrenia	162	2	60	2	39	4	3,727	35
Affective psychoses	29	2	10	1	4	0	1,079	8
Paranoid states	2	0	1	0	0	0	148	2
Other psychoses	3	0	1	0	1	0	167	2
Unspecified psychosis	2	0	1	0	0	0	97	1
Without psychosis	109	10	50	5	10	1	6,129	45
Neuroses	9	1	8	0	0	0	1,017	5
Alcoholism	16	0	4	1	0	0	2,114	2
Mental retardation	22	1	13	0	2	0	399	4
Epilepsy	1	0	1	0	1	0	39	1
All other without psychosis	61	8	24	4	7	1	2,560	33
Observation & Unspecified	0	0	1	0	0	0	34	0
Total, all cases	345	28	140	16	63	14	11,997	179

¹ 12 month period April 1, 1978 to March 31, 1979.

Source: Ministry of Health, *Hospital Statistics*.

Table 5.29OHIP Claim Payments by Category Distribution¹ and Service, Ontario, 1974-75 to 1978-79

Services	Category Distribution							
	Welfare		Full Premium		Partial Assistance		Full Assistance	
	\$ '000's	%	\$ '000's	%	\$ '000's	%	\$ '000's	%
April 1, 1974- March 31, 1975								
Medical	26,885	97	95,737	94	1,621	92	16,523	93
Dental	287	1	1,052	1	23	1	276	2
Optometric	343	1	1,534	2	35	2	318	2
Chiropractic	337	1	3,310	3	75	5	518	3
Osteopathic	5	-	94	-	1	-	11	-
Chiroprody	47	-	279	-	3	-	36	-
Total	27,904	100	102,006	100	1,758	100	17,682	100
April 1, 1975- March 31, 1976								
Medical	32,745	96	110,841	94	1,506	93	18,250	94
Dental	321	1	1,199	1	18	1	289	1
Optometric	513	2	1,969	2	33	2	371	2
Chiropractic	402	1	3,658	3	55	4	526	3
Osteopathic	6	-	89	-	1	-	9	-
Chiroprody	54	-	295	-	3	-	38	-
Total	34,041	100	118,051	100	1,616	100	19,483	100
April 1, 1976- March 31, 1977								
Medical	36,145 ^r	97	116,676 ^r	94	152 ^r	93	23,516 ^r	94
Dental	165 ^r	-	846 ^r	1	1	1	248	1
Optometric	522	2	2,105 ^r	2	4	2	471	2
Chiropractic	443	1	3,915	3	6	4	665	3
Osteopathic	4	-	78	-	-	-	13	-
Chiroprody	56	-	259	-	1 ^r	-	38	-
Total	37,335 ^r	100	123,879 ^r	100	164	100	24,951 ^r	100
April 1, 1977- March 31, 1978								
Medical	41,357	97	128,048	94	280	93	29,001	94
Dental	127	-	738	1	1	-	255	1
Optometric	604	2	2,403	2	7	2	582	2
Chiropractic	531	1	4,128	3	15	5	862	3
Osteopathic	5	-	69	-	-	-	12	-
Chiroprody	61	-	278	-	1	-	43	-
Total	42,685	100	135,664	100	304	100	30,755	100
April 1, 1978- March 31, 1979								
Medical	44,255	97	122,071	94	153	93	34,769	94
Dental	130	-	718	1	-	-	290	1
Optometric	682	2	2,439	2	4	2	748	2
Chiropractic	531	1	4,292	3	6	4	1,070	3
Osteopathic	5	-	66	-	-	-	13	-
Chiroprody	59	-	262	-	-	-	53	-
Physiotherapy	151	-	616	-	1	1	152	-
Total	45,813	100	130,464	100	164	100	37,095	100

Table 5.29 (cont'd)**OHIP Claim Payments by Category Distribution¹ and Service, Ontario, 1974-75 to 1978-79**

	Category Distribution							
	Group		65 & Over		D.V.A. ²		Total	
	\$ '000's	%	\$ '000's	%	\$ '000's	%	\$ '000's	%
Services								
April 1, 1974- March 31, 1975^r								
Medical	377,757	94	94,942	96	2,476	97	615,941	94
Dental	4,242	1	216	-	18	1	6,114	1
Optometric	6,200	2	1,224	1	36	1	9,690	2
Chiropractic	11,090	3	2,204	2	32	1	17,566	3
Osteopathic	302	-	137	-	1	-	551	-
Chiropody	1,073	-	1,156	1	7	-	2,601	-
Total	400,664	100	99,879	100	2,570	100	652,463	100
April 1, 1975- March 31, 1976^r								
Medical	420,021	94	110,140	96	3,007	96	696,700	94
Dental	4,404	1	227	-	20	1	6,478	1
Optometric	7,571	2	1,517	1	46	2	12,020	2
Chiropractic	11,586	3	2,361	2	42	1	18,630	3
Osteopathic	274	-	127	-	-	-	506	-
Chiropody	1,141	-	1,297	1	9	-	2,837	-
Total	445,187	100	115,669	100	3,124	100	737,171	100
April 1, 1976- March 31, 1977								
Medical	447,020 ^r	95	123,858 ^r	96	3,547 ^r	97 ^r	750,914 ^r	95
Dental	2,859 ^r	-	127	-	12	-	4,258 ^r	-
Optometric	8,246	2	1,644	1	56	2	13,048 ^r	2
Chiropractic	12,425 ^r	3	2,574	2	50	1 ^r	20,078 ^r	3
Osteopathic	241	-	118 ^r	-	1	-	455	-
Chiropody	1,012	-	1,284	1	10	-	2,660 ^r	-
Total	471,803 ^r	100	129,605 ^r	100	3,676 ^r	100	791,413 ^r	100
April 1, 1977- March 31, 1978^r								
Medical	492,743	95	143,508	96	4,254	96	839,191	95
Dental	2,719	-	111	-	9	-	3,960	-
Optometric	9,326	2	1,883	1	74	2	14,879	2
Chiropractic	14,547	3	2,975	2	65	2	23,123	3
Osteopathic	228	-	115	-	1	-	430	-
Chiropody	1,088	-	1,470	1	12	-	2,953	-
Total	520,651	100	150,062	100	4,415	100	884,536	100
April 1, 1978- March 31, 1979								
Medical	515,135	94	152,762	95	4,453	96	873,598	94
Dental	2,968	-	105	-	10	-	4,221	-
Optometric	10,481	2	2,113	1	84	2	16,551	2
Chiropractic	14,860	3	3,030	2	69	2	23,858	3
Osteopathic	209	-	119	-	1	-	413	-
Chiropody	1,125	-	1,460	1	11	-	2,970	-
Physiotherapy	3,095	1	801	1	19	-	4,835	1
Total	547,873	100	160,390	100	4,647	100	926,446	100

¹ Includes services for which claims have been received and approved by April 1979.² D.V.A. = Department of Veteran Affairs.Source: Ministry of Health, *OHIP Practitioner Care Statistics*.

Table 5.30

Per Capita Cost of OHIP Insured Population by Category Distribution¹ and Service, Ontario
1975-76 to 1978-79

Services	Category Distribution							Total
	Welfare	Full Premium	Partial Assistance	Full Assistance	Group	65 & Over	D.V.A. ²	
April 1, 1975– March 31, 1976								
Medical	70.95	90.53	51.95	68.66	78.67	123.56	102.64	84.52
Dental	0.70	0.98	0.62	1.09	0.82	0.25	0.68	0.79
Optometric	1.11	1.61	1.13	1.40	1.42	1.70	1.56	1.46
Chiropractic	0.87	2.99	1.89	1.98	2.17	2.65	1.43	2.26
Osteopathic	0.01	0.07	0.05	0.03	0.05	0.14	0.01	0.06
Chiropody	0.12	0.24	0.10	0.14	0.21	1.46	0.30	0.34
Overall	73.76	96.42	55.74	73.30	83.34	129.76	106.62	89.43
Average Insured Population('000) ³	461.5	1,224.3	29.0	265.8	5,341.7	89.14	29.3	8,243.0
April 1, 1976– March 31, 1977 ¹								
Medical	76.22	98.98	16.41	74.89	82.89	131.95	104.62	90.02
Dental	0.35	0.72	0.12	0.79	0.53	0.13	0.36	0.51
Optometric	1.10	1.78	1.40	1.50	1.53	1.75	1.66	1.56
Chiropractic	0.93	3.32	0.69	2.12	2.30	2.74	1.48	2.41
Osteopathic	0.01	0.07	–	0.04	0.04	0.13	0.04	0.05
Chiropody	0.12	0.22	0.04	0.12	0.19	1.31	0.29	0.32
Overall	78.73	105.09	17.66	79.46	87.48	138.07	108.45	94.87
Average Insured Population('000) ³	474.2	1,178.8	9.3	314.0	5,393.1	938.7	33.9	8,342.0
April 1, 1977– March 31, 1978 ¹								
Medical	83.84	108.84	45.97	82.62	91.28	145.87	113.76	99.36
Dental	0.26	0.63	0.19	0.73	0.50	0.11	0.25	0.47
Optometric	1.22	2.04	1.12	1.66	1.73	1.92	1.97	1.76
Chiropractic	1.08	3.51	2.36	2.46	2.70	3.02	1.74	2.74
Osteopathic	0.01	0.06	0.03	0.03	0.04	0.12	0.02	0.05
Chiropody	0.12	0.23	0.09	0.12	0.20	1.49	0.31	0.35
Overall	86.53	115.31	49.76	87.62	96.45	152.53	118.05	104.73
Average Insured Population('000) ³	493.3	1,176.5	6.1	351.0	5,397.9	983.8	37.4	8,446.0
April 1, 1978– March 31, 1979								
Medical	91.38	113.23	43.76	95.99	95.45	145.49	117.18	103.84
Dental	0.27	0.67	0.14	0.80	0.55	0.10	0.28	0.50
Optometric	1.41	2.26	1.04	2.06	1.94	2.01	2.22	1.97
Chiropractic	1.10	3.98	1.59	2.96	2.75	2.89	1.81	2.84
Osteopathic	0.01	0.06	–	0.04	0.04	0.11	0.03	0.05
Chiropody	0.12	0.24	0.11	0.15	0.21	1.39	0.28	0.35
Physiotherapy	0.31	0.57	0.37	0.42	0.58	0.76	0.49	0.57
Overall	94.60	121.01	47.01	102.42	101.52	152.75	122.29	110.12
Average Insured Population('000) ³	484.3	1,078.1	3.5	362.2	5,396.7	1,050.0	38.0	8,412.8

¹ Includes services for which claims have been received and approved by April, 1979.

² D.V.A. = Department of Veteran Affairs.

³ Net certified population.

Source: Ministry of Health, *OHIP Practitioner Care Statistics*.

Table 5.31Distribution of OHIP Payments for Services rendered by Physicians¹, Ontario, 1978-79

Specialty	Number of Physicians	% of Total Physicians	Payments \$	% of Total Payments	Number of Services	% of Total Services
General Practice	6,755	52.0	388,042.3	41.38	52,517.4	47.48
General Surgery	726	5.6	54,422.6	5.80	2,412.6	2.18
Internal Medicine	1,135	8.7	91,663.7	9.78	11,937.0	10.79
Obstetrics & Gynaecology	538	4.1	46,809.1	4.99	2,051.5	1.85
Pediatrics	472	3.6	30,073.5	3.21	4,607.5	4.17
Orthopedic Surgery	276	2.1	23,459.3	2.50	953.5	0.86
Otolaryngology	204	1.6	20,276.7	2.16	1,495.6	1.35
Urology	161	1.2	14,206.5	1.52	562.6	0.51
Diagnostic Radiology	431	3.3	76,353.3	8.14	4,477.5	4.05
Anaesthesia	530	4.1	33,232.6	3.54	6,668.1	6.03
Neurology	105	0.8	7,474.0	0.80	395.3	0.36
Psychiatry	833	6.4	39,037.0	4.16	2,441.4	2.21
Ophthalmology	300	2.3	28,434.4	3.03	1,523.9	1.38
Dermatology	136	1.1	12,201.9	1.30	1,178.7	1.07
Pathology	118	0.9	53,015.9	5.65	16,538.8	14.95
Neurosurgery	58	0.4	4,115.1	0.44	129.6	0.12
Plastic Surgery	94	0.7	7,547.3	0.81	248.7	0.22
Thoracic Surgery	36	0.3	3,502.7	0.37	63.3	0.06
Physical Medicine	48	0.4	2,698.6	0.29	327.3	0.30
Therapeutic Radiology	46	0.4	1,198.0	0.13	66.1	0.06
Total	13,002	100.0	937,764.5	100.0	110,596.4	100.0

¹ Includes only those physicians who have rendered an insured service during April 1, 1978 to March 31, 1979.Source: Ministry of Health, *OHIP Practitioner Care Statistics*.

Table 5.32Cigarette Smokers¹, Canada and Ontario, 1972–1975, 1977³

	Number of Cigarettes Smoked per Day	Male Population 15 years and over					Female Population 15 years and over				
		1972	1973	1974	1975	1977	1972	1973	1974	1975	1977
Per cent											
Canada	1-10	9.6	9.0	7.9	7.3	6.3	9.8	9.3	8.4	8.8	7.6
	11-25	32.2	33.3	32.1	31.3	27.9	20.7	21.3	21.0	20.6	20.4
	over 25	5.7	5.4	5.2	4.7	5.7	1.9	1.7	2.0	2.0	2.7
Total regular smokers		47.4	47.8	45.3	43.3	40.8	32.4	32.4	31.5	31.4	31.1
Ontario	1-10	8.5	8.3	7.3	7.1	6.3	8.8	8.0	7.4	8.6	7.1
	11-25	30.1	30.9	29.8	29.2	25.9	19.3	19.9	19.1	19.8	19.1
	over 25	5.2	4.9	4.8	4.3	5.3	1.6	1.4 ²	2.0	1.7	2.3
Total regular smokers		43.8	44.1	41.9	40.6	38.2	29.6	29.3	28.4	30.1	28.8

1) Cigarette Smokers refer to those who smoke cigarettes daily.

2) Figure subject to large sample error.

3) Occasional Survey, 1976 not done.

Source: Ministry of Health, Community Health Division.

Table 5.33Sales of Alcoholic Beverages by Volume and Apparent Consumption, Canada and Ontario, 1972–73 to 1977–78²

	Population Age 15 Years and Over ³	Sales of Alcoholic Beverages by Volume			Amount Absolute Alcohol Sold ¹			Per Capita Absolute Alcohol Consumption Age 15 Years and Over			
		Spirits	Wine	Beer	Spirits	Wine	Beer	Spirits	Wine	Beer	Total
1972–73	'000's				'000's Gallons			Gallons			
Canada	15,629.5	31,310	25,380	392,056	12,524.0	3,400.9	19,602.8	0.80	0.22	1.25	2.27
Ontario	5,665.8	12,527	8,687	145,782	5,010.8	1,164.1	7,289.1	0.88	0.21	1.29	2.38
1973–74											
Canada	15,996.4	34,656	27,273	413,041	13,862.4	3,600.0	20,652.0	0.87	0.22	1.29	2.38
Ontario	5,802.6	13,848	9,038	154,148	5,539.2	1,193.0	7,707.4	0.95	0.21	1.33	2.49
1974–75											
Canada	16,425.2	38,472	29,046	422,689	15,388.8	3,776.0	21,134.4	0.94	0.23	1.28	2.45
Ontario	5,965.3	15,011	9,514	156,115	6,004.4	1,236.8	7,805.8	1.00	0.21	1.31	2.52
1975–76											
Canada	16,841.8	39,672	31,138	434,183	15,868.8	4,047.9	21,709.2	0.94	0.24	1.29	2.47
Ontario	6,107.2	15,283	10,173	158,018	6,113.2	1,322.5	7,900.9	1.00	0.22	1.29	2.51
1976–77											
Canada	17,232.0 ^r	41,145	33,214	430,367 ^r	16,458.0	4,317.8	21,518.4	0.95	0.25	1.25	2.45
Ontario	6,236.5 ^r	16,068	11,384	153,189	6,427.2	1,479.9	7,659.4	1.03	0.24	1.22	2.49
1977–78											
Canada	17,579.6	42,169	37,078	440,821	16,867.6	4,820.1	22,041.0	0.96	0.27	1.25	2.48
Ontario	6,364.4	16,251	12,896	158,485	6,500.4	1,676.5	7,924.2	1.02	0.26	1.24	2.52

1) To convert gallons of beverage to gallons of absolute alcohol the following average values were employed: spirits 40% alcohol by volume, wine 13.6% and decreasing steadily to 13% for 1974 and subsequent years and beer 5% alcohol by volume.

2) Gallonage figures are presented on a fiscal year basis; that is, data for 1972–73 are for the twelve month period beginning April 1st, 1972 and ending March 31, 1973.

3) The population aged 15 years and over was estimated for October 1st of each fiscal year.

Source: Addiction Research Foundation.

Table 5.34

Deaths and Death Rates From Alcohol-Related Problems and Estimated Prevalence of Alcoholism,¹ Canada and Ontario, 1971–1977

	Population Aged 20 and Over ²	Number of Deaths from Alcohol-Related Problems			Death Rates from Alcohol-Related Problems Per 100,000 Population Aged 20 and Over			Estimated Number of Alcoholics ³	Alcoholics Per 100,000 Population Aged 20 and Over ³
		Alcoholic Psychosis	Alco- holism	Liver Cirrhosis	Alcoholic Psychosis	Alco- holism	Liver Cirrhosis		
	'000's								
1971									
Canada	13,098.3	26	360	1,937	0.2	2.7	14.8	420,900	3,200
Ontario	4,791.9	14	145	792	0.3	3.0	16.5	172,700	3,600
1972									
Canada	13,373.7	28	410	2,236	0.2	3.1	16.7	474,700	3,600
Ontario	4,898.7	13	146	921	0.3	3.0	18.8	193,800	4,000
1973									
Canada	13,679.1	25	465	2,508	0.2	3.4	18.3	525,400	3,800
Ontario	5,010.9	11	171	1,002	0.2	3.4	20.0	210,500	4,200
1974									
Canada	14,050.5	25	510	2,618	0.2	3.6	18.6	584,650	4,200
Ontario	5,151.8	9	221	1,022	0.2	4.3	19.8	226,700	4,400
1975									
Canada	14,429.1	36	696	2,725	0.2	4.8	18.9	606,700	4,200
Ontario	5,279.4	15	286	1,007	0.3	5.4	19.1	230,300	4,400
1976									
Canada	14,786.6	32	635	2,791	0.2	4.3	18.9	618,500	4,200
Ontario	5,395.6	16	246	1,079	0.3	4.6	20.0	235,900	4,400
1977									
Canada	15,120.7	39	664	2,762	0.3	4.4	18.3	..	..
Ontario	5,506.8	20	236	1,051	0.4	4.3	19.1	..	..

1) Estimates of alcoholism prevalence were obtained by means of the Jellinek formula which infers the probable number of alcoholics in a population from the centred two-year moving average of total reported liver cirrhosis mortality.

2) The population aged 20 years and over was estimated for July 1st of each calendar year.

3) Canada figures exclude the Yukon and Northwest Territories.

Source: Addiction Research Foundation

Education

Highlights

- **Enrolment** – For public schools in Ontario the high point of enrolment was the 1971-72 mark of 2.0 million students. For the period between 1965 and 1978 there was a 16.8 per cent increase from the 1965-66 figure to the 1971-72 figure, and subsequently a 6.0 per cent decrease to the 1978-79 level. Private schools showed a much different pattern. For a similar period the highest level of enrolment was in 1978-79 at 64,148 students and the lowest level was in 1968-69 at 35.1 per cent below that mark.

The general trend of somewhat lower levels of enrolment is most clearly demonstrated in terms of total enrolment for elementary schools. The 1978 mark of 1.3 million elementary school students is 2.4 per cent lower than the previous year and 14.1 per cent lower than the 1970 figure which showed the highest level of enrolment ever. The average annual increase in secondary school enrolment between 1967 and 1979 was 2.5 per cent which compares with recent annual percentage increases of 2.6 in 1975, 1.3 in 1976, 0.1 in 1977 and decreases of 0.4 in 1978, 1.9 in 1979. Through most of the sixties each year's enrolment had shown an increase of more than 4 per cent. It would seem only a matter of time until secondary school patterns show the same trend as elementary schools.

At the university level, full-time undergraduate enrolment has maintained its upward trend albeit at a somewhat reduced rate. From 1972-73 to 1975-76 enrolment increased at a rate between 5.0 and 7.0 per cent but between the years 1975-76 and 1976-77 this rate of increase dropped to 2.8 per cent. The 1977-78 mark of 140,000 undergraduates was a 4.0 per cent decrease over the previous year.

- **Graduates** – In 1979 there were 5,330 graduates of secondary school programs of occupational education. This is a 4.8 per cent decrease from the previous year and a 7.9 per cent drop from 1974. On the other hand, there was a 5.0 per cent increase from 1978 in the number of students receiving regular academic graduation diplomas. 98,248 were issued to public secondary and 9,721 to private secondary students.

At the university level there were 39,714 bachelor and first professional degrees awarded in 1978 a decrease of 1.4 per cent from the previous year. These degrees represent 44.5 per cent of the number awarded throughout Canada. There were also 6,248 masters degrees and 908 doctorates awarded in the same period. Community college graduates numbered 18,952, an increase of 6.4 per cent over 1977-78.

In 1979, 3,999 teachers graduated from Faculties of Education in Ontario.

- **Industrial Training** – There were 31,150 active apprentices at the end of the 1979-80 year. This represents an increase of 3.3 per cent over the previous year end figure. 5,422 apprentices completed their training in 1979-80 which is a decrease of 6.8 per cent from the 1978-79 figure. There were 10,709 new registrations bringing the full-time school enrolment to 16,248 in 1979-80. These figures are an 8.1 per cent increase and a 2.8 per cent increase respectively over the previous year.
- **Teachers** – The total number of elementary and secondary school teachers employed in Ontario for 1977-78 decreased 0.0 per cent from the 1976-77 mark of 99,837. Post-secondary institutions showed an increase of 0.9 per cent from the 1976-77 figure of 17,664. In 1979 the Municipality of Metropolitan Toronto employed the most teachers in Ontario with 11,757 elementary or 22.0 per cent of the total for the province and 7,673 secondary or 22.2 per cent of the provincial total.

At the university level there was an increase in teaching staff of 5.3 per cent from 1974-75 to 1977-78. The highest figure reached was the most recent year reported at 12,756. In 1977-78, 85.8 per cent of the university teaching staff were male.

- **Finances** – In 1978 local taxation accounted for 45.1 per cent of the 3.8 million total revenue for Ontario school boards. Provincial government grants accounted for the other major portion with 51.3 per cent of the total. Elementary schools accounted for 58.6 per cent of the total expenditure (which corresponds to the total revenue), while secondary schools were responsible for the remaining 41.4 per cent.

Definitions

Official Minority Language – English in Québec. French in all other provinces.

Second Language – The study of the official minority language as a second language; generally, the study of the grammar and the literature of the language.

School Enrolment – The total enrolment of elementary and secondary schools as reported as of September 30 each year.

Registered Indian – "Indian" means a person who, pursuant to the Indian Act, is registered as an Indian in the Indian Register.

Publicly Supported Schools – Publicly supported schools are those which are supported by local taxation and/or provincial grants and are administered by local school boards in accordance with the education act of the jurisdiction in which they are located. Included under this heading are the denominational schools of Newfoundland, the Protestant and Roman Catholic Separate schools, where such exist, and schools operated by the Department of National Defence on stations across Canada. These latter schools operate within the framework of the publicly supported schools of the province where they are located.

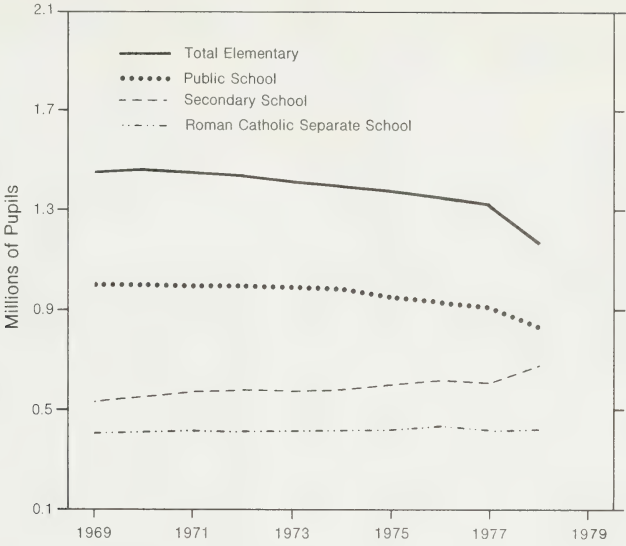
Private Schools – There exist throughout Canada, elementary and secondary schools which operate outside the publicly supported school system. Even though some of them may receive provincial financial support, they are operated privately by individuals, associations or corporations. Only academic elementary and secondary schools are reported.

Federal Schools – Schools for Indian and Eskimo pupils. The education of Indian and Eskimo children in the provinces is the responsibility of the Department of Indian Affairs and Northern Development which administers the schools directly. Although the great majority of students in federal schools are Indian and Eskimo children, there are some other pupils enrolled, generally children of staff members.

Band Operated Schools – Schools operated by staff employed by an Indian Band or organization, and financed by the Department of Indian Affairs and Northern Development.

University Student Information Systems (USIS) – This is the statistical system which is now used to provide more accurate data. In previous years data were obtained solely from the Financial System (U.A.R.). Figures which are based on the USIS system are not comparable with data published previously because undergraduate and graduate breakdowns differ for Statistical and Financial purposes, due to differences in course classifications between the two systems.

School Enrolments¹ Ontario, 1969-1979

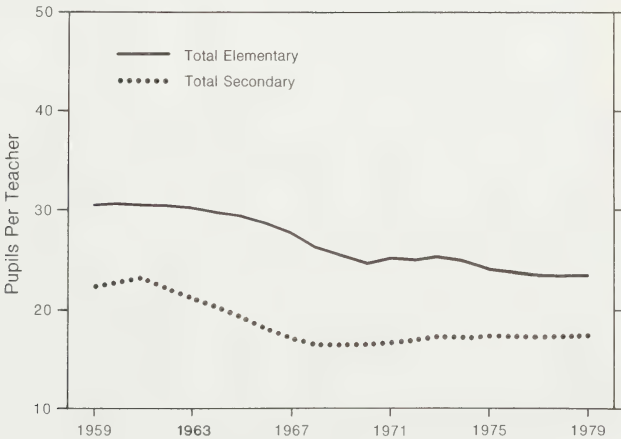


¹ As of September 30.

Source: Ministry of Education, *Education Statistics Ontario*

Graph 6.B

Pupil/Teacher Ratio¹, Ontario, 1959-1979

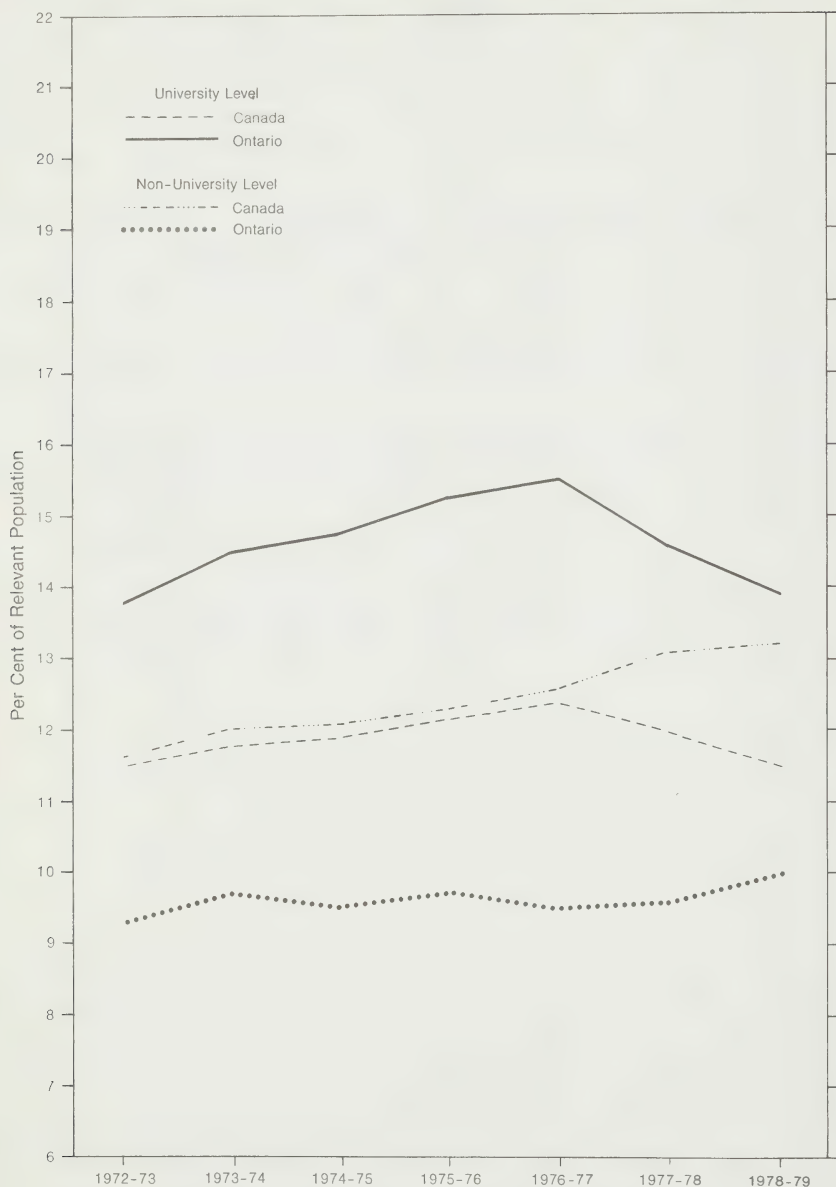


¹Head count enrolment over number of full-time teachers

Source: Ministry of Education, *Education Statistics Ontario*

Graph 6.C

Full-Time Post-Secondary Enrolment by Level, Related to Relevant Population¹,
Canada and Ontario, 1972-73 to 1978-79²

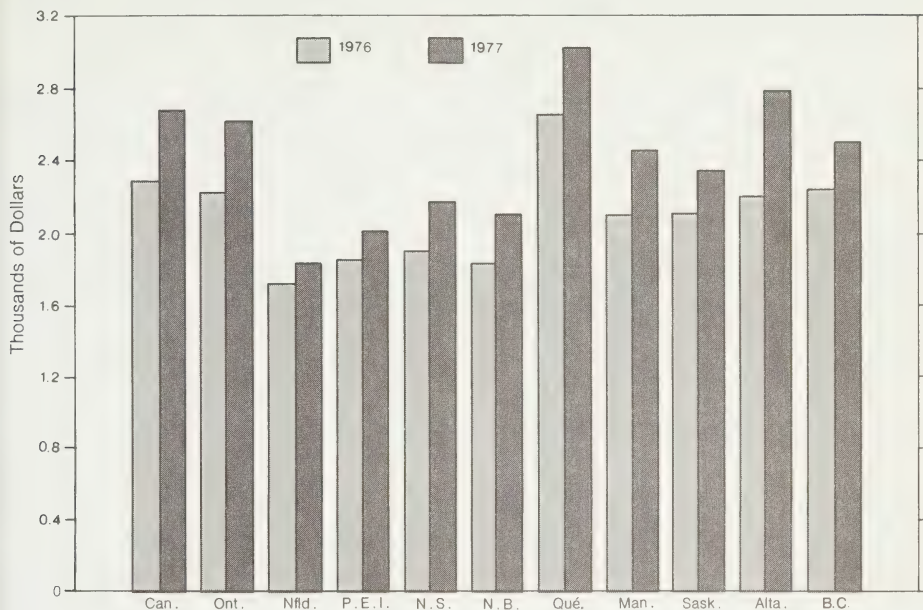


¹Relevant population for University Level is 18 to 24 years of age and for Non-University Level is 18 to 21 years of age.

²1977-78 figures are preliminary.

Graph 6.D

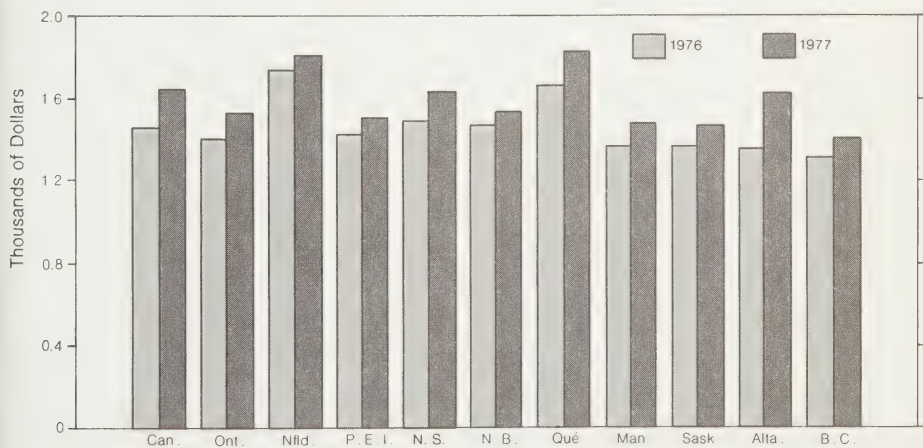
Expenditures on Education per Full-time Student, at all Levels,
Canada and Provinces, 1976 and 1977^P



Source: SC, Education in Canada, Catalogue 81-229

Graph 6.E

Expenditures on Education per Capita of the Labour Force, at All Levels,
Canada and the Provinces, 1976 and 1977^P



Source: SC, Education in Canada, Catalogue 81-229

Table 6.1

Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1976-77 and 1977-78

	Institutions		Full-Time Teachers		Full-Time Enrolment		Total Expenditure on Education	
	1976-77	1977-78	1976-77	1977-78	1976-77	1977-78	1976-77	1977-78
Canada								
							\$ Million	
Elementary- Secondary Level								
Elementary and Secondary Schools:								
Regular Public	14,248	14,167	262,630	261,902	5,281,764	5,176,026	9,419.9	11,214.0 ¹
Federal	309	369	2,150	1,949	37,569	35,051	202.3	.. ²
Private ³	796	806	9,281	9,520	185,035	189,278	291.6	319.7
Other Schools:								
Blind and Deaf	24	23	823	802	3,500	3,253	83.8	.. ²
Total Elementary- Secondary	15,377	15,365	274,884	271,173	5,507,868	5,403,608	9,997.6	11,533.7
Post-Secondary Level								
Community Colleges and Related Institutions	189	187	18,775	19,310	227,875	240,336	1,084.5	1,254.8
Universities and Colleges	66	65	31,648	32,180	376,506	374,185	2,976.7	3,369.6
Total Post-Secondary	255	252	50,423	51,490	604,381	614,521	4,061.2	4,624.4
Total All Levels	15,632	15,617	325,307	322,663	6,112,249	6,018,129	14,058.8	16,158.1
Trade and Other Non-post secondary courses	85	..	5,433	..	247,685	..	955.1	1,093.4

Table 6.1 (cont'd)

Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1976-77 and 1977-78

	Institutions		Full-Time Teachers		Full-Time Enrolment		Total Expenditure on Education	
	1976-77	1977-78	1976-77	1977-78	1976-77	1977-78	1976-77	1977-78
\$ Million								
Elementary- Secondary Level								
Elementary and Secondary Schools:								
Regular Public	4,824	4,741	96,861	96,795	1,973,140	1,943,064	3,375.9	4,145.0 ¹
Federal	76	339	380	400	7,080	7,429	46.2	.. ²
Private ³	317	86 ^r	2,317	2,363	58,226	61,082	94.6	107.2
Other Schools:								
Blind and Deaf	4	4	279	276	1,126	1,074	26.5	.. ²
Total Elementary- Secondary	5,221	5,170 ^r	99,837	99,834	2,039,572	2,012,649	3,543.2	4,252.2
Post-Secondary Level								
Community Colleges and Related Institutions	30	30	5,007	5,072 ^r	58,919	60,994	318.6	330.0
Universities and Colleges	22	22	12,657	12,759 ^r	163,985	159,222	1,177.3	1,284.0
Total Post-Secondary	52	52	17,664	17,831	222,904	220,216	1,495.9	1,614.0
Total All Levels	5,273	5,222	117,501	117,665	2,262,476	2,232,865	5,039.1	5,866.2
Trade and Other Non-post secondary courses	26	..	1,853	..	247,685	..	310.6	..

¹⁾ Includes federal and blind and deaf schools.

²⁾ Included with public schools.

³⁾ Does not include private kindergarten and nursery schools.

Source: SC, Education, Science and Culture Division.

Table 6.2

Enrolment in Private and Public Schools, Canada and Ontario, 1959-60 to 1981-82

	Private		Public	
	Canada	Ontario	Canada	Ontario
1959-60	163,718	25,316	3,803,297	1,319,225
1960-61	168,163	26,175	3,989,257	1,389,163
1961-62	179,635	27,826	4,184,322	1,462,230
1962-63	191,467	32,458	4,372,956	1,528,607
1963-64	201,085	41,721	4,554,784	1,597,374
1964-65	203,006 ¹	44,470	4,744,629	1,673,774
1965-66	203,681	45,554	4,909,788	1,738,781
1966-67	188,997	46,072	5,075,827	1,800,897
1967-68	157,457	42,986	5,265,856	1,868,788
1968-69	145,774	41,604	5,454,687	1,931,397
1969-70	155,569	43,007	5,579,035	1,986,796
1970-71	142,601	44,116	5,655,431	2,022,401
1971-72	139,929	43,949	5,628,218	2,031,360
1972-73	151,595	44,826	5,570,251	2,028,114
1973-74	157,919	47,500	5,491,865 ¹	2,008,610
1974-75	175,298	51,239	5,416,366	1,994,489
1975-76	182,001	54,598	5,372,014 ¹	1,994,638
1976-77	188,326 ¹	58,226	5,284,220 ¹	1,973,140
1977-78	189,278	61,082	5,171,977	1,943,064
1978-79	191,534	64,148	5,052,869	1,909,145
1979-80 ¹	193,305	67,899	4,927,645	1,858,845
1980-81 ¹	193,225	70,390	4,812,980	1,816,480
1981-82 ¹	192,795	72,000	4,712,610	1,780,950

¹) Projections.

Source: SC, Education, Science and Culture Division.

Table 6.3Elementary School Enrolment by Age and Sex, Ontario, 1978 and 1979¹

Age	1978			1979		
	Male	Female	Total	Male	Female	Total
3 years and under	5,241	5,148	10,389	5,258	5,122	10,380
4 years	32,611	31,258	63,869	33,699	32,378	66,077
5 years	61,183	58,192	119,375	59,753	56,814	116,567
6 years	63,367	59,224	122,591	61,391	58,522	119,913
7 years	66,513	63,641	130,154	63,204	59,397	122,601
8 years	67,833	64,671	132,504	66,850	63,653	130,503
9 years	66,223	63,543	129,766	67,762	64,515	132,277
10 years	65,778	62,619	128,397	66,415	63,472	129,887
11 years	67,297	64,432	131,729	65,486	62,600	128,086
12 years	70,160	67,383	137,543	66,659	63,842	130,501
13 years	65,252	59,690	124,942	59,367	54,202	113,569
14 years	24,436	18,602	43,038	23,369	17,936	41,305
15 years	7,113	6,955	14,068	7,470	7,667	15,137
16 years	901	772	1,673	939	732	1,671
17 years and over	160	139	299	152	135	287
Total	664,068	626,269	1,290,337	647,774	610,987	1,258,761

¹) As of the last school day in September.Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.4
Enrolment in Elementary and Secondary Schools¹ by Sex and Grade Group, Canada and Ontario, Selected Years, 1971–72 to 1978–79

	Grades I–VIII ²				Grades IX and Higher ³			
	Male		Female		Male		Female	
	Number	%	Number	%	Number	%	Number	%
1971–72 ¹								
Canada	1,941,861	102.5	1,817,853	100.6	876,382	97.3	830,324	96.0
Ontario	677,210	103.6	632,196	101.8	322,089	106.4	298,199	102.4
1972–73 ¹								
Canada	1,888,371	100.9	1,775,501	99.4	894,722	97.7	855,975	97.4
Ontario	666,063	102.6	623,497	101.0	325,576	105.1	303,501	102.1
1975–76 ¹								
Canada	1,799,447	103.6	1,682,410	101.4	870,727	90.4	840,039	91.3
Ontario	624,835	102.4	585,874	100.9	342,098	103.1	322,845	102.3
1976–77 ¹								
Canada	1,760,597	103.7	1,645,999	101.6	871,333	89.5	841,297	90.5
Ontario	613,259	102.5	575,012	101.0	345,865	102.5	328,713	102.4
1977–78 ¹								
Canada	1,716,054	103.7	1,602,048	101.6	864,919	88.2	837,070	89.4
Ontario	602,303	103.0	563,510	101.1	344,419	100.6	330,106	101.4
1978–79								
Canada	1,658,483	103.7	1,546,318	101.5	866,686	89.1	834,252	89.8
Ontario	583,938	102.9	546,087	101.2	347,760	101.3	332,820	102.0

1) Public, federal and private schools, including elementary and secondary students unclassified by grade (does not include schools for the handicapped).

2) Percentage of 6-13 age group population of June preceding the school year.

3) Percentage of 14-17 age group population of June preceding the school year.

Source: SC, Education, Science and Culture Division

Table 6.5
Secondary School Enrolment by Age and Sex, Ontario, 1978 and 1979¹

Age	1978			1979		
	Male	Female	Total	Male	Female	Total
11 years and under	37	40	77	36	28	64
12 years	324	419	743	262	284	546
13 years	13,139	15,226	28,365	11,248	13,359	24,607
14 years	58,244	60,572	118,816	54,757	56,814	111,571
15 years	74,781	70,546	145,327	73,244	69,161	142,405
16 years	70,630	67,120	137,750	71,334	66,904	138,238
17 years	58,618	54,122	112,740	58,550	54,536	113,086
18 years	30,383	22,802	53,185	30,571	23,329	53,900
19 years	6,328	3,042	9,370	6,541	3,239	9,780
20 years	1,202	701	1,903	1,253	713	1,966
21 years	393	302	695	466	362	828
22 and over	794	1,903	2,697	825	2,268	3,093
Total	314,873	296,795	611,668	309,087	290,997	600,084

1) As of the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.6
Public School Enrolment by Year, Ontario 1968-1979¹

	1968	1969	1970	1971	1972	1973
Junior Kindergarten	5,011	7,099	9,199	10,837	20,406	22,467
Kindergarten	101,863	109,815	103,633	95,978	91,794	89,974
Grade 1	124,240	123,804	121,801	113,032	103,309	97,929
Grade 2	117,971	117,726	117,390	115,771	107,715	98,482
Grade 3	114,264	115,076	115,377	114,629	113,067	104,876
Grade 4	109,595	112,257	112,900	112,853	112,884	111,578
Grade 5	109,324	112,156	113,482	113,106	112,431	112,180
Grade 6	107,010	110,489	111,788	113,027	112,797	112,161
Grade 7	106,246	108,662	111,283	112,770	113,472	112,962
Grade 8	102,372	103,839	105,984	108,461	109,237	109,819
Grade 9	25	24	15	-	-	2
Grade 10	1	1	5	-	-	-
Special Education	23,754	21,613	24,198	24,239	25,823	26,238
Total	1,021,676	1,042,561	1,047,055	1,034,703	1,022,935	998,668
Increase over previous year (%)	1.9	2.0	0.4	-1.2	-1.1	-2.4

Table 6.6 (cont'd)

	1974	1975	1976	1977	1978	1979
Junior Kindergarten	23,568	23,519	21,277	21,181	21,042	20,804
Kindergarten	92,306	95,004	92,023	86,875	83,828	81,879
Grade 1	98,329	98,636	101,061	97,708	91,840	88,311
Grade 2	95,724	92,164	93,946	95,559	91,294	85,363
Grade 3	99,662	91,650	90,033	91,099	92,018	88,229
Grade 4	108,118	95,985	91,167	88,600	89,014	90,212
Grade 5	115,182	103,760	95,593	90,573	87,535	87,542
Grade 6	115,330	111,606	103,763	95,341	89,594	86,610
Grade 7	116,956	113,136	112,511	104,713	95,980	89,897
Grade 8	112,367	109,140	108,551	108,216	100,121	91,355
Grade 9	3	-	9	16	17	25
Grade 10	-	-	6	9	12	11
Special Education	... ²	27,025	27,352	27,887	27,859	27,703
Total	977,545	961,625	937,292	907,777	870,154	837,941
Increase over previous year (%)	-2.1	-1.6	-2.5	-3.1	-4.1	-3.7

1) As of the last school day in September.

2) Special Education for 1974 is included in enrolment by division and grade.

Source: Ministry of Education, *Education Statistics Ontario*.
Reports of the Minister of Education.

Table 6.7
Elementary and Secondary School Enrollment by Grade, Ontario, 1958-1979¹

	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Elementary	1,027,598	1,081,649	1,126,388	1,163,053	1,197,029	1,233,164	1,278,473	1,320,043	1,364,871	1,405,052	1,430,590
Junior Kindergarten	-	-	-	-	-	-	-	-	3,284	3,826	5,020
Kindergarten	82,913	88,603	93,193	99,033	104,325	109,297	119,170	127,982	130,720	136,233	141,784
Primary	391,185	407,730	424,233	434,492	444,068	454,485	465,001	475,326	488,509	495,352	496,659
Junior	344,046	349,317	356,753	368,340	382,447	397,172	408,974	419,851	431,736	443,249	453,384
Grade 7	102,795	113,645	115,360	118,109	119,345	122,934	129,914	134,154	139,637	142,608	145,300
Grade 8	83,754	97,912	108,261	110,487	113,414	114,751	118,523	124,476	130,126	135,333	138,862
Grade 9	7,920	8,466	10,300	11,499	10,799	11,149	10,824	10,539	10,368	11,486	10,314
Grade 10	5,640	6,069	6,511	8,039	8,263	8,223	8,741	8,006	8,314	9,550	8,347
Special Education	9,345	9,907	11,777	13,054	14,368	15,153	17,326	19,709	22,177	27,415	30,920
Secondary	222,075	237,576	262,775	299,177	331,578	364,210	395,301	418,738	436,026	463,736	500,807
Pre-grade 9 ^a	-	-	-	-	-	-	-	-	-	-	-
Grade 9	74,604	76,598	88,607	100,988	103,866	103,526	105,899	110,997	117,582	124,067	131,082
Grade 10	59,109	60,829	64,783	76,290	86,012	90,817	93,453	96,299	100,710	108,789	117,425
Grade 11	41,718	45,552	47,833	52,681	61,733	70,302	77,922	80,710	83,963	88,988	98,585
Grade 12	31,058	34,792	38,697	42,266	46,776	55,731	64,418	67,282	70,825	75,214	82,371
Grade 13	14,278	16,267	18,447	21,482	23,750	26,262	32,770	37,692	35,007	36,472	40,087
Vocational Courses ^b	1,308	3,538	4,408	5,470	9,441	17,572	20,839	25,758	28,139	30,206	31,257
Grand Total	1,249,673	1,319,225	1,389,163	1,462,230	1,528,607	1,597,374	1,673,774	1,738,781	1,800,897	1,868,783	1,931,397

Table 6.7 (cont'd)

Elementary and Secondary School Enrolment by Grade, Ontario, 1958-1979¹

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Elementary	1,456,117	1,465,488	1,456,840	1,445,101	1,422,885	1,404,839	1,389,478	1,360,085	1,329,396	1,290,337	1,258,761
Junior Kindergarten	7,666	12,689	17,543	31,907	38,038	42,284	43,807	41,856	42,817	44,271	45,950
Kindergarten	150,669	141,776	131,605	126,012	124,029	128,157	132,315	128,891	123,581	120,650	119,629
Primary	493,993	489,954	474,626	449,755	420,826	410,749	397,052	401,687	403,194	394,285	380,164
Junior	466,039	471,649	473,823	472,483	470,979	474,815	440,763	413,238	392,228	382,525	382,252
Grade 7	149,827	153,592	156,250	158,579	158,450	163,424	158,720	158,345	137,459	129,704	129,704
Grade 8	141,622	145,888	149,608	151,396	153,775	157,542	153,470	152,746	153,006	143,537	131,665
Grade 9	9,855	9,833	11,279	11,600	13,148	15,262	15,671	15,582	16,349	17,239	17,949
Grade 10	8,516	9,009	11,301	10,680	11,215	12,606	14,281	13,100	13,709	14,588	15,432
Special Education	28,100	31,098	30,805	32,689	32,425	...	33,399	34,640	35,159	35,783	36,016
Secondary	530,679	556,913	574,520	583,013	585,725	589,650	605,160	613,055	613,830	611,668	600,084
Pre-grade 9 ²											
Grade 9	135,420	153,826	157,433	162,781	165,235	161,775	163,004	162,319	4,583	4,466	3,265
Grade 10	122,181	139,961	141,939	143,459	143,939	145,651	148,141	148,633	158,602	155,385	147,360
Grade 11	105,836	116,116	121,750	125,417	126,596	127,541	131,692	135,241	148,279	147,851	146,380
Grade 12	90,956	98,837	101,733	100,644	99,854	103,609	108,182	111,349	134,460	134,936	134,853
Grade 13	43,569	48,173	51,665	50,712	50,101	51,074	54,141	55,513	113,742	116,070	115,933
Vocational Courses ³	32,717	-	-	-	-	-	-	-	54,164	53,160	52,293
Grand Total	1,986,796	2,022,401	2,031,360	2,028,114	2,008,610	1,994,489	1,994,638	1,973,140	1,943,226	1,902,005	1,858,845

¹ As of the last school day in September.

² Commencing in 1970, enrolment in all secondary school courses was distributed in accordance with a wider definition of grade. Students were reported by grade or by years of schooling beyond Kindergarten or by credits or courses completed. The most apparent effect was the distribution of the vocational courses enrolment throughout the grades 9 to 12. In 1972 and 1973, those with 0-6 credits were reported in Grade 9; those with 7-13 credits in Grade 10; those with 14-20 credits in Grade 11 and those with 21-26 credits in Grade 12. Candidates registered for Honour Graduation Diploma courses were reported in Grade 13. From 1974 to 1976, students were enrolled by Grade of Registration. For Grades 9 to 11 inclusive, this was to reflect the students' year of attendance with the exception of total failure in any grade. For Grades 12 and 13 the students were entered in the grade in which they were registered. In 1977, a new classification — pre-grade 9 — was introduced. (For definition, see below). Grade 9 students are those who are in their first year of taking credit courses in secondary school. Students from Grades 10 and 11 are those based on either their year of attendance or as designated by the principal. Finally, Grades 12 and 13 students are those who could complete their SSOD or SSHGD respectively in the current school year. Students who have completed their SSOD and are taking a partial Grade 13 program are included in Grade 13.

³ Special Education for 1974 is included in enrolment by division and grade.

⁴ Pre-grade 9 students are those enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course-work that does not lead to credit.

Source Ministry of Education, Education Statistics Ontario.
Reports of the Ministry of Education.

Table 6.8Private School Enrolment by Grade Level and Sex, Ontario, 1972-1979¹

	1972			1973		
	Male	Female	Total	Male	Female	Total
Elementary	10,938	10,269	21,207	11,711	10,727	22,438
Junior Kindergarten	771	716	1,487	833	819	1,652
Kindergarten	547	463	1,010	622	556	1,178
Grade 1	1,080	991	2,071	1,147	976	2,123
Grade 2	1,023	1,039	2,062	1,114	1,006	2,120
Grade 3	1,114	1,107	2,221	1,112	1,083	2,195
Grade 4	1,124	1,126	2,250	1,230	1,149	2,379
Grade 5	1,106	1,171	2,277	1,247	1,182	2,429
Grade 6	1,212	1,148	2,360	1,233	1,254	2,487
Grade 7	1,368	1,204	2,572	1,475	1,268	2,743
Grade 8	1,355	1,125	2,480	1,446	1,288	2,734
Ungraded, Other ²	238	179	417	252	146	398
Secondary	11,749	11,870	23,619	12,629	12,433	25,062
Grade 9	1,199	1,030	2,229	1,216	950	2,166
Grade 10	1,008	867	1,875	1,131	939	2,070
Grade 11	3,501	3,905	7,406	3,976	4,256	8,232
Grade 12	3,181	3,715	6,896	3,539	3,825	7,364
Grade 13	2,708	2,189	4,897	2,715	2,357	5,072
Ungraded, Commercial	4	58	62	8	72	80
Ungraded, Other ²	148	106	254	44	34	78
Grand Total	22,687	22,139	44,826	24,340	23,160	47,500

Table 6.8 (cont'd)

	1974			1975		
	Male	Female	Total	Male	Female	Total
Elementary	12,556	11,566	24,122	12,785	12,064	24,849
Junior Kindergarten	1,109	1,074	2,183	1,013	1,008	2,021
Kindergarten	798	738	1,536	876	792	1,668
Grade 1	1,171	1,067	2,238	1,334	1,277	2,611
Grade 2	1,140	1,067	2,207	1,205	1,106	2,311
Grade 3	1,170	1,081	2,251	1,201	1,160	2,361
Grade 4	1,200	1,148	2,348	1,232	1,110	2,342
Grade 5	1,338	1,284	2,622	1,308	1,330	2,638
Grade 6	1,355	1,277	2,632	1,404	1,392	2,796
Grade 7	1,477	1,424	2,901	1,631	1,435	3,066
Grade 8	1,517	1,309	2,826	1,533	1,419	2,952
Ungraded, Other ²	281	97	378	48	35	83
Secondary	13,739	13,579	27,318	14,923	14,868	29,791
Grade 9	1,317	1,180	2,497	1,384	1,197	2,581
Grade 10	1,286	954	2,240	1,325	1,142	2,467
Grade 11	4,320	4,833	9,153	4,765	5,217	9,982
Grade 12	3,794	4,145	7,939	4,139	4,668	8,807
Grade 13	2,929	2,393	5,322	3,249	2,607	5,856
Ungraded, Commercial	12	12	24	2	3	5
Ungraded, Other ²	81	62	143	59	34	93
Grand Total	26,295	25,145	51,440	27,708	26,932	54,640

Table 6.8 (cont'd)Private School Enrolment by Grade Level and Sex, Ontario, 1972-1979¹

	1976			1977		
	Male	Female	Total	Male	Female	Total
Elementary	13,203	12,449	25,652	13,674	12,771	26,445
Junior Kindergarten	1,053	974	2,027	1,062	1,060	2,122
Kindergarten	896	912	1,808	866	867	1,733
Grade 1	1,369	1,287	2,656	1,428	1,324	2,752
Grade 2	1,322	1,255	2,577	1,365	1,302	2,667
Grade 3	1,224	1,162	2,386	1,378	1,306	2,684
Grade 4	1,234	1,164	2,398	1,299	1,167	2,466
Grade 5	1,315	1,267	2,582	1,325	1,251	2,576
Grade 6	1,414	1,345	2,759	1,417	1,253	2,670
Grade 7	1,684	1,570	3,254	1,656	1,495	3,151
Grade 8	1,646	1,463	3,109	1,690	1,564	3,254
Ungraded, Other ²	46	50	96	188	182	370
Secondary	16,200	16,827	33,027	17,078	17,727	34,805
Grade 9	1,455	1,345	2,800	1,586	1,345	2,931
Grade 10	1,386	1,194	2,580	1,410	1,278	2,688
Grade 11	5,441	6,150	11,591	5,390	6,387	11,777
Grade 12	4,489	5,104	9,593	4,992	5,656	10,648
Grade 13	3,368	3,011	6,379	3,595	2,974	6,569
Ungraded, Commercial	20	8	28	6	45	51
Ungraded, Other ²	41	15	56	99	42	141
Grand Total	29,403	29,276	58,679	30,752	30,498	61,250

Table 6.8 (cont'd)

	1978			1979		
	Male	Female	Total	Male	Female	Total
Elementary	14,458	13,081	27,539	15,154	13,819	28,973
Junior Kindergarten	1,155	1,023	2,178	1,174	1,050	2,224
Kindergarten	987	931	1,918	1,160	1,043	2,203
Grade 1	1,410	1,308	2,718	1,539	1,416	2,955
Grade 2	1,409	1,348	2,757	1,447	1,353	2,800
Grade 3	1,422	1,363	2,785	1,432	1,427	2,859
Grade 4	1,468	1,340	2,808	1,485	1,409	2,894
Grade 5	1,394	1,243	2,637	1,537	1,424	2,961
Grade 6	1,429	1,305	2,734	1,481	1,349	2,830
Grade 7	1,718	1,435	3,153	1,699	1,492	3,191
Grade 8	1,711	1,478	3,189	1,749	1,460	3,209
Ungraded, Other ²	355	307	662	451	396	847
Secondary	17,924	18,685	36,609	19,189	19,737	38,926
Grade 9	1,624	1,433	3,057	1,621	1,404	3,025
Grade 10	1,417	1,279	2,696	1,535	1,341	2,876
Grade 11	5,672	6,587	12,259	5,976	7,067	13,043
Grade 12	5,126	5,988	11,114	5,543	6,241	11,784
Grade 13	3,987	3,314	7,301	4,337	3,582	7,919
Ungraded, Commercial	1	-	1	-	-	-
Ungraded, Other ²	97	84	181	177	102	279
Grand Total	32,382	31,766	64,148	34,343	33,556	67,899

¹ As of the last day of school in September.² Elementary and secondary components have been estimated for 1978.Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.9
Roman Catholic Separate School Enrolment by Grade, Ontario, 1970-1979¹

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Junior Kindergarten	3,490	6,706	11,501	15,571	18,716	20,288	20,579	21,636	23,229	25,146
Kindergarten	38,143	35,627	34,218	34,055	35,851	37,311	36,868	36,706	36,822	37,750
Grade 1	45,290	42,019	38,783	37,534	37,793	39,051	40,239	39,936	39,363	39,442
Grade 2	44,985	44,657	42,027	39,397	38,418	37,460	38,674	39,974	39,819	38,917
Grade 3	45,111	44,518	44,854	42,608	40,823	38,091	37,734	38,918	39,951	39,902
Grade 4	45,233	44,710	44,349	45,039	44,017	40,209	38,406	38,135	39,078	40,072
Grade 5	45,031	45,168	44,824	44,932	46,275	43,638	40,326	38,897	38,194	39,344
Grade 6	43,215	44,959	45,198	45,089	45,893	45,565	43,983	40,682	39,110	38,472
Grade 7	42,309	43,480	45,107	45,488	46,468	45,584	45,834	44,640	41,479	39,807
Grade 8	39,904	41,147	42,159	43,956	45,175	44,330	44,195	44,790	43,416	40,310
Grade 9	9,818	11,279	11,600	13,146	15,259	15,671	15,573	16,333	17,222	17,924
Grade 10	9,004	11,301	10,680	11,215	12,606	14,281	13,094	13,700	14,576	15,421
Special Education	6,900	6,566	6,866	6,187	...	6,374	7,288	7,272	7,924	8,313
Total	418,433	422,137	422,166	424,217	427,294	427,853	422,793	421,619	420,183	420,820
Increase over previous year (%)	1.2	0.9	0.0	0.5	0.7	0.2	-1.2	-0.3	-0.3	0.1

¹ As of the last day of school in September.

² Special Education for 1974 is included in the enrolment by grade.

Source: Ministry of Education, *Education Statistics Ontario*.

Reports of the Minister of Education.

Table 6.10**Enrolment of French-Speaking Students in Secondary Schools, Ontario, 1969-1979**

	Pre-grade		Grade				
	Total	9 ¹	9	10	11	12	13
1969	21,590	-	7,181	5,832	4,082	3,325	1,170
1970	25,212	-	7,977	6,693	5,085	3,771	1,686
1971	28,018	-	8,770	7,326	5,608	4,449	1,665
1972	29,883	-	9,045	7,888	6,201	4,759	1,990
1973	30,243	-	8,807	7,788	6,679	5,033	1,936
1974	30,906	-	9,005	8,061	6,644	5,334	1,862
1975	31,392	-	8,704	8,300	6,874	5,612	1,902
1976 ²	31,510	-	8,590	8,105	7,110	5,740	1,965
1977 ²	30,636	225	7,984	7,824	6,853	5,892	1,858
1978 ³	30,520	213	7,869	7,767	6,943	5,921	1,807
1979 ³	29,555	203	7,338	7,332	6,825	6,110	1,747

¹ Students who are enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course-work that does not lead to credit.

² In 1976 there were 24 French secondary schools with an enrollment of 21,456 students and 26 mixed schools with 10,054 students. In 1977 the numbers were 25 French schools, 21,621 students and 31 mixed schools with 9,015 students. For the breakdown for earlier years, please consult the appropriate Ministry of Education publication.

³ In 1978 there were 25 French secondary schools with an enrolment of 21,348 students and 35 mixed schools with 9,172 students. The numbers for 1979 were: 26 French schools with 21,109 students and 36 mixed schools with 8,446 French speaking students.

Source: Ministry of Education, *Education Statistics, Ontario*.

Reports of the Minister of Education.

Table 6.11**English-Speaking Elementary School Pupils Enrolled in French Classes¹, Ontario, 1969-1979**

	Public	Roman Catholic Separate	Total Elementary
1969	325,120	137,154	462,274
1970	363,573	150,599	514,172
1971	383,484	186,272	569,756
1972	394,435	202,391	596,826
1973	393,230	208,888	602,118
1974	399,668	213,474	613,142
1975	428,125	223,484	651,609
1976	425,214	227,560	652,774
1977	443,630	238,675	682,305
1978	441,556	249,556	691,112
1979	441,153	250,778	691,931

¹ Since 1973 only students taking 20 minutes or more of French per day are included.

Source: Ministry of Education, *Education Statistics, Ontario*.

Reports of the Minister of Education.

Table 6.12
Enrolment¹ of Registered Indians in Federal and Band Operated Schools by Grade, Canada and Ontario, Selected Years, 1955-56 to 1979-80

Canada	K	Grade										12+	Special	Total
		1	2	3	4	5	6	7	8	9	10	11		
1955-56	-	8,859	4,654	4,205	3,550	2,905	2,233	1,532	1,010	286	154	106	77	29,571
1960-61	2,911	5,434	4,792	4,502	3,855	3,358	2,762	1,853	1,171	390	141	74	59	32,293
1965-66	3,093	5,461	4,772	4,331	3,881	3,477	2,644	1,914	1,289	383	203	92	38	32,040
1970-71	4,551	4,121	3,515	3,116	3,019	2,827	2,344	1,568	942	215	22	16	9	26,392
1971-72	4,985	3,905	3,581	3,113	2,910	2,813	2,482	1,638	1,086	372	44	15	9	27,075
1972-73	5,104	4,105	3,432	3,390	2,960	2,674	2,460	1,960	1,349	433	56	17	13	28,103
1973-74	6,187	4,460	3,794	3,613	3,485	2,978	2,875	2,162	1,808	630	203	46	9	32,553
1974-75	5,848	4,096	3,442	3,452	3,091	2,986	2,603	2,295	1,672	770	244	53	11	30,788
1975-76	5,883	4,191	3,821	3,524	3,270	2,960	2,812	2,284	1,765	906	426	135	69	32,423
1976-77	6,248	4,208	3,695	3,643	3,354	3,004	2,807	2,433	1,774	871	569	212	119	33,352
1977-78	6,608	4,277	3,917	3,587	3,352	3,210	2,973	2,506	2,024	976	600	288	169	35,051
1978-79	6,239	4,087	3,564	3,545	3,371	3,167	2,968	2,531	2,039	1,146	722	407	216	34,401
1979-80	6,032	3,963	3,535	3,338	3,369	3,107	3,019	2,473	2,185	1,232	724	393	198	34,053

Ontario	K	Grade										12+	Special	Total
		1	2	3	4	5	6	7	8	9	10	11		
1955-56	-	2,029	1,019	861	772	593	539	405	330	105	63	45	31	6,792
1960-61	565	1,126	1,011	937	833	682	611	452	318	73	17	-	-	7,058
1965-66	684	1,169	990	961	832	666	530	388	299	40	15	12	-	6,712
1970-71	810	1,023	883	829	729	670	710	496	258	5	-	-	-	6,454
1971-72	878	972	951	807	739	655	630	523	403	27	-	-	-	6,641
1972-73	938	916	824	790	706	693	637	535	471	41	19	-	-	6,640
1973-74	1,248	907	869	832	740	688	711	566	505	40	16	-	-	7,224
1974-75	1,270	905	821	845	826	751	720	640	509	62	28	6	-	7,442
1975-76	1,206	905	849	803	782	770	713	640	579	64	24	-	-	7,391
1976-77	1,192	851	759	785	776	668	719	602	543	47	29	7	6	7,162
1977-78	1,152	935	886	759	808	753	722	616	577	67	24	5	-	7,429
1978-79	1,137	939	873	886	783	772	728	634	553	69	31	5	2	7,468
1979-80	1,087	878	845	794	846	740	693	608	567	108	45	8	1	7,279

¹⁾ Includes enrolment of a few non-Indian students residing on Indian Reserves.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 6.13
Enrolment of Registered Indians in Provincial¹⁾ and Private Schools by Grade, Canada and Ontario, Selected Years, 1955-56 to 1979-80

Canada	K	Grade												Total	
		1	2	3	4	5	6	7	8	9	10	11	12 +		Special
1955-56	-	676	505	434	440	379	379	405	316	456	305	167	102	90	4654
1960-61	-	1,212	862	899	892	873	871	897	762	896	547	341	221	105	9378
1965-66	445	2,819	2,306	2,189	2,020	2,118	2,040	1,978	1,806	2,053	1,189	672	497	498	22,630
1970-71	2,285	4,483	3,785	3,740	3,542	3,400	3,491	3,894	3,378	3,509	2,628	1,477	997	1,448	42,057
1971-72	2,722	4,465	4,024	3,728	3,628	3,589	3,361	3,782	3,575	3,671	2,806	1,666	1,031	1,124	43,386
1972-73	2,706	4,325	3,729	3,785	3,562	3,564	3,530	3,756	3,500	3,786	2,854	1,752	1,063	1,124	43,036
1973-74	2,673	3,781	3,503	3,319	3,389	3,202	3,233	3,498	3,422	3,563	2,869	1,746	1,176	1,043	40,417
1974-75	3,425	4,191	3,350	3,451	3,409	3,510	3,160	3,779	3,242	3,492	2,708	1,721	981	1,042	41,461
1975-76	2,699	3,595	3,329	3,097	3,163	3,333	3,279	3,444	3,423	3,351	2,789	1,803	1,110	979	39,394
1976-77	2,420	3,635	3,163	3,026	2,918	3,060	3,109	3,557	3,206	3,426	2,673	1,744	1,063	1,365	38,365
1977-78	2,446	3,945	3,599	3,433	3,449	3,392	3,416	4,073	3,842	3,805	2,943	2,011	1,384	1,369	43,037
1978-79	3,011	4,379	3,988	3,833	3,804	3,779	3,690	4,240	4,087	3,999	3,084	2,071	1,327	1,666	46,958
1979-80	2,843	4,192	3,912	4,084	3,835	3,828	3,772	4,430	4,015	3,942	3,241	2,142	1,440	1,508	47,184

Ontario	K	Grade												Total	
		1	2	3	4	5	6	7	8	9	10	11	12 +		Special
1955-56	-	200	110	104	113	76	78	77	80	152	108	55	50	38	1,241
1960-61	-	206	173	167	156	192	184	170	141	293	162	93	78	51	2,066
1965-66	128	442	457	453	445	454	434	453	398	637	392	208	168	64	5,133
1970-71	335	498	426	553	519	530	552	617	562	1,016	741	356	330	388	7,423
1971-72	315	451	476	452	556	522	506	634	512	1,098	733	412	345	347	7,359
1972-73	373	557	516	584	529	588	539	633	512	1,104	853	504	323	212	7,827
1973-74	322	403	540	462	540	467	580	568	515	1,049	853	528	407	170	7,404
1974-75	451	437	422	466	502	487	474	600	503	1,122	785	494	365	193	7,301
1975-76	382	380	424	416	450	520	520	478	526	988	813	527	430	182	7,036
1976-77	318	373	373	340	338	435	421	503	441	1,029	737	520	360	194	6,382
1977-78	335	439	407	420	389	409	492	573	513	1,163	882	536	477	214	7,249
1978-79	265	339	369	382	369	362	389	553	484	1,072	844	586	475	219	6,708
1979-80	310	348	327	384	386	391	391	494	485	1,010	883	603	501	163	6,676

¹⁾ See the definition of publicly supported schools.

Table 6.14Enrolment in Schools for the Blind, Canada and Ontario¹, 1973-74 to 1978-79

	Total ²	Male	Female	Partially Blind	With Multiple Handicaps	Pre- School Program Enrolment
1973-74						
Canada	626	350	276	236	203	8
Ontario	221	118	103	70	112	-
1974-75						
Canada	592	327	265	287	240	6
Ontario	215	115	100	70	114	-
1975-76						
Canada	551	312	239	236	218	5
Ontario	207	114	93	65	125	-
1976-77						
Canada	516	287	229	219	252	2
Ontario	214	120	94	85	134	-
1977-78						
Canada	492	275	217	220	198	6
Ontario ²	215	119	96	85	128	-
1978-79						
Canada	464	267	197	..	..	..
Ontario	220	130	90	..	..	..

1) Ontario figures are those of W. Ross MacDonald School, Brantford, Ontario.

2) The total number of enrolments is not equal to the breakdown of enrolment into different types of handicaps included on the right hand side of the table.

Source: SC, *Enrolment and Staff in Schools for the Blind and the Deaf*.**Table 6.15**

Enrolment in Schools for the Deaf, Canada and Ontario, 1973-74 to 1978-79

	Total ¹	Male	Female	Partially Deaf	With Multiple Handicaps	Pre- School Program Enrolment
1973-74						
Canada	2,998	1,676	1,322	815	679	263
Ontario	1,062	604	458	165	289	61
1974-75						
Canada	3,292	1,821	1,471	576	636	352
Ontario	1,162	655	507	180	318	101
1975-76						
Canada	3,232	1,818	1,414	578	586	319
Ontario ²	1,142	651	491	127	251	82
1976-77						
Canada	3,167	1,774	1,393	478	626	331
Ontario	1,095	619	476	87	357	108
1977-78						
Canada	2,923	1,669	1,254	427	659	309
Ontario	1,021	586	435	69	381	96
1978-79						
Canada	2,941	1,659	1,282	..	..	..
Ontario	997	571	426	..	..	..

1) The total number of enrolments is not equal to the breakdown of enrolment into different types of handicaps included on the right hand side of the table.

2) Includes data for Metropolitan School for the Deaf and Clairlea School for the Deaf which in Table 6.1 are included in Public Schools.

Source: SC, *Enrolment and Staff in Schools for the Blind and the Deaf*.

Table 6.16

Enrolment in French as Second Language, Canada and Ontario, 1971-72 to 1978-79

		Canada ¹	Ontario
1971-72	Elementary	767,979	566,155
	Secondary	732,943	243,135
	Total	1,500,922	809,290
1972-73	Elementary	816,521	596,729
	Secondary	653,681	218,187
	Total	1,470,202	814,916
1973-74	Elementary	839,271	596,920
	Secondary	613,775	202,729
	Total	1,453,046	799,649
1974-75	Elementary	873,270	609,562
	Secondary	589,709	189,426
	Total	1,462,979	798,988
1975-76	Elementary	888,271	622,520
	Secondary	608,193	214,073
	Total	1,496,464	836,593
1976-77	Elementary	886,109	621,305
	Secondary	606,081	218,516
	Total	1,492,190	839,821
1977-78	Elementary	926,339	650,136
	Secondary	592,626	220,369
	Total	1,518,965	870,505
1978-79	Elementary	949,670	655,198
	Secondary	603,932	226,595
	Total	1,553,602	881,793

¹⁾ Total for nine provinces, excluding Québec, where English is the Second Language.

Source: SC, Education, Science and Culture Division.

Table 6.17Adult Training¹ Enrolment at Colleges of Applied Arts and Technology, Ontario, 1973-1980

	Adult Training, Full-Time	Adult Training, Part-Time	Training in Business and Industry	Management Development Program ²
1973	16,143	2,084	5,106	8,835
1974	16,340	4,264	3,969	10,973
1975	18,168	4,668	4,133	11,835
1976	19,237	3,026	4,043	10,056
1977	18,011	2,197	3,675	11,227
1978	16,793	2,153	3,632	9,023 ³
1979	16,779	1,907	3,641	10,754
1980	20,112 ³	2,535 ⁴	2,761	13,989

¹⁾ These programs run on a continuous intake basis. The figures shown here represent the number of persons active in these programs at the end of each fiscal year (March 31), except for Management Development Program where figures represent accumulated registrations in the fiscal year (April-March).²⁾ Excludes college-prepared courses.³⁾ Includes 5,608 fee payers.⁴⁾ Includes 1,982 fee payers.

Source: Ministry of Education, College Affairs Branch.

Table 6.18
Industrial Training Branch Major Program Statistics, Ontario, 1971-72 to 1979-80

	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
Apprenticeship Program:									
New Contract Registrations	8,787 ^r	7,719 ^r	8,429	9,556	9,235	9,722	9,818	9,909	10,709
Completions	4,293	3,685	4,238 ^r	3,850 ^r	4,485 ^r	4,775 ^r	4,976 ^r	5,818	5,422
Cancellations	2,341 ^r	3,050 ^r	3,668 ^r	3,043 ^r	3,032 ^r	3,826 ^r	2,563 ^r	3,558	4,285
Year-end Active Apprentices	20,299 ^r	21,283 ^r	21,832 ^r	24,497 ^r	26,215 ^r	27,336 ^r	29,615 ^r	30,148	31,150
Full-time School Enrolment ¹	10,766	10,552	10,994	12,178	13,288	15,351	16,023	15,811 ²	16,248 ³
Certification Program:									
Initial Certificates	12,114	18,990	15,557	12,776	9,961	9,089	9,400	10,044	16,259
Renewals Issued	81,966	66,733	59,864	65,025	64,973	67,310	66,478	70,657	69,986
Year-end Certificate Holders	146,142	157,371	168,582	177,489	183,227	188,212	193,263	197,794	209,007
Short-Term Training in Industry Programs:									
Trainees Entered	9,925	13,830	7,571						
Trainees Graduated	6,390	11,219	6,449						
Trainees Discontinued	2,464	2,737	2,461						
Year-end Active Trainees	3,238	3,112	1,773						

Program phased out March 31, 1974

1) All figures cover five intakes each year—April, September, October, January, and February.
2) Consisting of 5 intakes as follows: 1978—April intake 2,907; September intake 3,199; October intake 2,981; 1979—January intake 3,616; February intake 3,103; March intake 3,103.
3) Consisting of 5 intakes as follows: 1979—April intake 2,845; September intake 3,218; October intake 3,153; 1980—January intake 3,777; March intake 3,255.

Source: Ministry of Colleges and Universities, Manpower Training Branch.

Table 6.19
University Enrolment, by Sex, Canada and Ontario, 1972-73 to 1977-78

Canada		1972-73	1973-74	1974-75	1975-76	1976-77	1977-78 ¹
Full-time							
Undergraduate ²	M	175,161	178,211	182,051	190,410	189,141	182,976
	F	109,736 ³	116,765 ³	127,120	140,127	146,725	147,317
	T	284,897	294,976	309,171	330,537	335,866	330,309
Full-time Graduate							
	M	28,387	27,487	27,481	28,242	28,205	24,351
	F	9,120	9,661	10,334	11,637	12,435	12,004
	T	37,507	37,148	37,815	39,879	40,640	36,551
Total Full-time							
	M	203,548	205,698	209,532	218,652	217,346	207,327
	F	118,856	126,426	137,454	151,764	159,160	159,321
	T	322,404	332,124	346,986	370,416	376,506	366,860
Part-time							
Undergraduate ²	M	62,519	63,360	65,997	72,287	71,030	75,600
	F	69,981	74,294 ³	79,792 ³	86,007	92,242	103,812
	T	132,500	137,654	145,789	158,294	163,272	179,412
Part-time Graduate							
	M	15,165	17,094	17,424	18,878	18,690	18,645
	F	5,316	6,416	7,036	8,082	8,995	9,886
	T	20,481	23,510	24,460	26,960	27,685	28,631
Total Part-time							
	M	77,684	80,454	83,421	91,165	89,720	94,245
	F	75,297	80,710	86,828	94,089	101,237	113,698
	T	152,981	161,164	170,249	185,254	190,957	208,043
Total							
Undergraduate ²	M	237,680	241,571	248,048	262,697	260,171	258,576
	F	179,717	191,059	206,912	226,134	238,967	251,129
	T	417,397	432,630	454,960	488,831	499,138	509,721
Total Graduate							
	M	43,552	44,581	44,905	47,120	46,895	42,996
	F	14,436	16,077	17,370	19,719	21,430	21,890
	T	57,988	60,658	62,275	66,839	68,325	65,182
Grand Total							
	M	281,232	286,152	292,953	309,817	307,066	301,572
	F	194,153	207,136	224,282	245,853	260,397	273,019
	T	475,385	493,288	517,235	555,670	567,463	574,903
Number of university students enrolled for a non-university type diploma ³							
Full-time Non-university Level							
	M	1,401	1,181	1,375	1,558	1,625	1,560
	F	957	535	641	565	440	435
	T	2,358	1,716	2,016	2,123	2,065	1,995
Part-time Non-university Level							
	M	739	1,104	1,037	470	847	1,366
	F	1,051	1,072	1,234	974	1,179	2,283
	T	1,790	2,176	5,537	1,444	2,026	3,649

Table 6.19 (cont'd)

University Enrolment, by Sex, Canada and Ontario, 1972-73 to 1977-78

Ontario		1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
Full-time							
Undergraduate	M	73,484	75,952	78,664	81,387	81,520	77,140
	F	45,216	48,635	54,703	60,454	64,331	62,860
	T	118,700	124,587	133,367	141,841	145,851	140,000
Full-time Graduate							
	M	12,631	12,629	12,124	12,647	12,671	10,583
	F	3,864	4,337	4,643	5,213	5,463	5,146
	T	16,495	16,966	16,767	17,860	18,134	15,729
Total Full-time							
	M	86,115	88,581	90,788	94,034	91,191	87,723
	F	49,080	52,972	59,346	65,667	69,794	68,006
	T	135,195	141,553	150,134	159,701	163,985	155,729
Part-time							
Undergraduate	M	25,090	25,458	25,423	26,907	24,833	27,751
	F	26,746	30,352	32,498	35,208	35,933	38,830
	T	51,836	55,810	57,921	62,115	60,766	66,581
Part-time Graduate							
	M	7,268	7,859	8,214	8,828	8,700	8,266
	F	1,940	2,271	2,651	3,145	3,768	4,110
	T	9,208	10,130	10,865	11,973	12,468	12,376
Total Part-time							
	M	32,358	33,317	33,637	35,735	33,533	36,017
	F	28,686	32,623	35,149	38,353	39,701	42,940
	T	61,044	65,940	68,786	74,088	73,234	78,957
Total Undergraduate							
	M	98,574	101,410	104,087	108,294	106,353	104,891
	F	71,962	78,987	87,201	95,662	100,264	101,690
	T	170,536	180,397	191,288	203,956	206,617	206,581
Total Graduate							
	M	19,899	20,488	20,338	21,475	21,371	18,849
	F	5,804	6,608	7,294	8,358	9,231	9,256
	T	25,703	27,096	27,632	29,833	30,602	28,105
Grand Total							
	M	118,473	121,898	124,425	129,769	127,724	123,740
	F	77,766	85,595	94,495	104,020	109,495	110,946
	T	196,239	207,493	218,920	233,789	237,219	234,686
Number of university students enrolled for a non-university type diploma							
Full-time Non-university Level ⁴							
	M	842	749	768	763	746	728
	F	677	286	269	129	154	149
	T	1,519	1,035	1,037	892	900	877
Part-time Non-university Level							
	M	20	69	191	32	19	19
	F	8	92	245	41	26	29
	T	28	161	436	73	45	48

1) Where male plus female does not equal the total, the difference is due to the non-reporting of sex.

2) Excludes university transfer and CEGEP academic students, but includes students enrolled for a non-university type diploma.

3) Included with the full-time undergraduate and part-time undergraduate figures.

4) Includes Ryerson Polytechnical Institute. In 1971-72 this institute became a degree-granting institution but not all its students should be classified at the university level.

Source: SC, Education, Science and Culture Division.

Table 6.20Total Enrolment at University by Institution, Ontario, 1978¹ and 1979

1978	Undergraduate ²			Graduate ²		
	Full-time Degree	Part-time	Total	Full-time	Part-time	Total
Brock	2,135	2,167	4,302	53	448	501
Carleton	7,324	5,289	12,613	974	795	1,769
Guelph	8,647	784	9,431	614	134	748
Lakehead	2,581	1,306	3,887	97	122	219
Laurentian	2,726	3,492	6,218	83	109	192
McMaster	8,880	2,931	11,811	1,147	690	1,837
Ottawa ³	9,885	5,297	15,182	1,188	1,698	2,886
Queen's	9,376	2,434	11,810	1,053	531	1,584
Toronto ⁴	27,731	9,352	37,083	5,354	4,223	9,577
Trent	2,137	1,076	3,213	38	11	49
Waterloo	13,127	3,902	17,029	1,146	619	1,765
Western	14,906	3,993	18,899	1,650	744	2,394
Wilfrid Laurier	3,011	2,488	5,499	267	213	480
Windsor	5,553	3,582	9,135	524	494	1,018
York	10,499	9,842	20,341	1,218	1,279	2,497
Dominican ⁵	58	171	229	11	17	28
Sub Total	128,576	58,106	186,682	15,417	12,127	27,544
Ontario College of Art	1,227	1,206	2,433	—	—	—
Ryerson	9,171	8,869	18,040	—	—	—
Total	138,974	68,181	207,155	15,417	12,127	27,544

Table 6.20 (cont'd)**Total Enrolment at University by Institution, Ontario, 1978 and 1979**

1979	Undergraduate ²			Graduate ³		
	Full-time Degree	Part-time	Total	Full-time	Part-time	Total
Brock	2,118	2,483	4,601	49	426	475
Carleton	7,326	4,973	12,299	951	818	1,769
Guelph	8,549	1,135	9,684	646	129	775
Lakehead	2,413	1,352	3,765	113	123	236
Laurentian	2,550	3,713	6,263	65	180	245
McMaster	8,770	2,793	11,563	1,129	785	1,914
Ottawa	10,547	5,561	16,108	1,276	1,614	2,890
Queen's	9,287	3,021	12,308	1,056	466	1,522
Toronto	28,489	11,020	39,509	4,784	4,095	8,879
Trent	2,100	1,267	3,367	33	8	41
Waterloo	13,234	4,455	17,689	1,101	601	1,702
Western	14,775	4,347	19,122	1,660	776	2,436
Wilfrid Laurier	3,223	2,461	5,684	246	207	453
Windsor	5,618	3,646	9,264	576	545	1,121
York	10,143	10,031	20,174	1,253	1,268	2,521
Dominican	52	170	222	14	9	23
Sub-total	129,194	62,428	191,622	14,952	12,050	27,002
O.C.A.	1,269	1,298	2,567	—	—	—
Ryerson	9,200	9,357	18,557	—	—	—
Total	139,663	73,083	212,746	14,952	12,050	27,002

1) Enrolment in fall term.

2) Includes students in non-university type programs.

3) Ottawa includes affiliates, St. Paul and St. Augustine.

4) In 1978, Regis College became affiliated with the University of Toronto and its enrolment is now reported under that institution, 1977 data has been adjusted to reflect this inclusion. Also all Toronto figures include OISE.

5) Figures shown for Dominican College include only students on the Ontario campus of this Institution.

Source: Ministry of Education, University Student Information System (USIS)

Table 6.21

Full-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1975-76 to 1977-78

		1975-76		1976-77		1977-78 ^a	
		Canada	Ontario	Canada	Ontario	Canada	Ontario
Agricultural and Biological Sciences	M	1,915	574	2,159	764	2,109	756
	F	731	209	829	330	869	331
	T	2,646	783	2,988	1,094	2,978	1,087
Education	M	1,986	477	2,044	495	1,948	458
	F	1,415	420	1,756	546	1,860	583
	T	3,401	897	3,800	1,041	3,808	1,041
Engineering and Applied Sciences	M	3,176	1,487	3,252	1,521	3,197	1,430
	F	180	75	212	96	257	95
	T	3,356	1,562	3,464	1,617	3,454	1,525
Fine and Applied Arts	M	242	84	246	96	342	109
	F	310	109	269	103	370	144
	T	552	193	515	199	712	253
Health Professions and Occupations	M	4,288	1,780	4,156	2,011	4,204	2,009
	F	1,579	665	1,671	754	1,718	766
	T	5,867	2,445	5,827	2,765	5,922	2,775
Humanities and Related Arts	M	3,955	2,011	4,046	1,970	3,954	1,935
	F	2,840	1,316	3,064	1,369	3,123	1,392
	T	6,795	3,327	7,110	3,339	7,077	3,327
Mathematics and the Physical Sciences	M	3,479	1,562	3,422	1,552	3,167	1,408
	F	544	216	583	252	553	239
	T	4,023	1,778	4,005	1,804	3,720	1,647
Social Sciences and Related Studies	M	8,606	4,167	8,626	4,145	8,525	3,961
	F	3,621	1,824	3,921	1,951	4,112	1,994
	T	12,227	5,991	12,547	6,096	12,637	5,958
Unclassified by Program	M	595	505	254	117	267	97
	F	417	379	130	62	110	46
	T	1,012	884	384	179	377	143
Total	M	28,242	12,647	28,205	12,671	27,713	12,166
	F	11,637	5,213	12,435	5,463	12,972	5,590
	T	39,879	17,860	40,640	18,134	40,685	17,756

Source: SC, Education, Science and Culture Division.

Table 6.22

Part-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1975-76 to 1977-78

		1975-76		1976-77		1977-78 ^a	
		Canada	Ontario	Canada	Ontario	Canada	Ontario
Agricultural and Biological Sciences	M	544	167	488	148	518	168
	F	213	54	195	56	221	59
	T	757	221	683	204	739	227
Education	M	5,142	2,175	5,149	2,255	4,822	2,050
	F	2,980	1,080	3,509	1,425	3,839	1,554
	T	8,122	3,255	8,658	3,680	8,661	3,604
Engineering and Applied Sciences	M	2,283	1,282	2,245	1,116	2,160	1,054
	F	73	39	96	35	129	55
	T	2,356	1,321	2,341	1,151	2,289	1,109
Fine and Applied Arts	M	104	30	97	35	90	38
	F	136	43	121	47	141	41
	T	240	73	218	82	231	79
Health Professions and Occupations	M	282	107	301	142	297	127
	F	223	54	362	167	427	211
	T	505	161	663	309	724	338
Humanities and Related Arts	M	2,311	976	2,305	978	2,222	1,007
	F	1,601	736	1,905	787	1,880	853
	T	3,912	1,712	4,210	1,765	4,102	1,860
Mathematics and the Physical Sciences	M	1,112	438	1,053	380	1,000	395
	F	225	68	214	63	186	71
	T	1,337	506	1,267	443	1,186	466
Social Sciences and Related Studies	M	6,392	3,218	6,231	3,221	6,561	3,071
	F	2,254	877	2,228	975	2,650	1,069
	T	8,646	4,095	8,459	4,196	9,211	4,140
Unclassified by Program	M	708	435	821	425	988	356
	F	377	194	365	213	500	197
	T	1,085	629	1,186	638	1,488	553
Total	M	18,878	8,828	18,690	8,700	18,658	8,266
	F	8,082	3,145	8,995	3,768	9,973	4,110
	T	26,960	11,973	27,685	12,468	28,631	12,376

Source: SC, Education, Science and Culture Division.

Table 6.23

Diplomas and Certificates Awarded by Community Colleges and Related Institutions, by Type of Institution and Sex, Canada and Ontario, 1967-68 to 1977-78

	Total			Career Programs			University Transfer Programs		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1967-68									
Canada	9,723	17,694	27,417	9,723	17,694	27,417	-	-	-
Ontario	3,757	8,266	12,023	3,757	8,266	12,023	-	-	-
1968-69									
Canada	14,415	20,391	34,806	12,472	19,550	32,022	1,943	841	2,784
Ontario	6,101	9,841	15,942	6,101	9,841	15,942	-	-	-
1969-70									
Canada	15,870	22,762	38,632	12,070	20,062	32,132	3,800	2,700	6,500
Ontario	6,428	10,703	17,131	6,428	10,703	17,131	-	-	-
1970-71									
Canada	16,823	24,735	41,558	12,093	20,845	32,938	4,730	3,890	8,620
Ontario	6,967	12,715	19,682	6,967	12,715	19,682	-	-	-
1971-72									
Canada	19,953	25,361	45,314	13,156	20,079	33,235	6,797	5,282	12,079
Ontario	6,427	10,169	16,596	6,427	10,169	16,596	-	-	-
1972-73									
Canada	22,102	26,708	48,810	14,623	20,861	35,484	7,479	5,847	13,326
Ontario	6,802	10,580	17,382	6,802	10,580	17,382	-	-	-
1973-74									
Canada	23,122	27,804	50,926	15,005	21,222	36,227	8,117	6,582	14,699
Ontario	6,765	9,700	16,465	6,765	9,700	16,465	-	-	-
1974-75									
Canada	23,477	29,475	52,952	14,405	21,467	35,872	9,072	8,008	17,080
Ontario	6,083	9,319	15,402	6,083	9,319	15,402	-	-	-
1975-76 ^p									
Canada	23,905	30,214	54,119	14,857	22,389	37,246	9,048	7,825	16,873
Ontario	6,546	9,955	16,501	6,546	9,955	16,501	-	-	-
1976-77 ^p									
Canada	25,872 ^r	33,061 ^r	58,933 ^r	15,482	23,926	39,408	10,390 ^r	9,135 ^r	19,525 ^r
Ontario	6,856	10,728	17,584	6,856	10,728	17,584	-	-	-
1977-78									
Canada	27,515	34,928	62,443	15,915	24,628	40,543	11,600	10,300	21,900
Ontario	7,085	10,475	17,560	7,085	10,475	17,560	-	-	-

Source: SC, Education, Science and Culture Division.

Table 6.24**Secondary School Student Certificates and Diplomas, Ontario, 1973-1979**

	1973	1974	1975	1976	1977	1978	1979
Certificate of Training ¹	5,776	5,788	5,021	4,889	5,175	5,598	5,330
Graduation Diploma							
Secondary Schools	85,347	85,164	86,690	90,891	92,151	93,137	98,248
Private Schools	6,358	6,687	7,565	7,478	8,641	9,704	9,721
Honours Graduation Diploma							
Secondary Schools	37,687	36,124	35,948	36,868	37,495	36,370	35,864
Private Schools	4,551	4,586	4,912	5,355	5,633	5,806	6,386

1) Issued to students who have successfully completed a secondary school program of occupational education of one, two or three years duration.

Source: Ministry of Education, *Education Statistics, Ontario. Reports of the Minister of Education.*

Table 6.25
Teacher Graduates by Faculty, Grade and Division, Ontario, 1979¹

Faculty	K-3	K-6	K-8	K-10	4-10	7-13	K-13	Technical Studies	Total
	Primary	Primary/ Junior	Primary/ Intermediate (Elementary)	Primary/ Junior/ Intermediate	Junior/ Intermediate	Intermediate/ Senior	Intermediate/ Senior		
Brock	...	...	...	150	...	...	21	...	171
Lakehead	...	28	...	...	21	32	21	...	102
Lakehead (Native Program)	-	-	5	...	...	...	...	...	5
Laurentian ²	...	...	24	18	...	...	...	...	42
Nipissing	...	...	...	124	...	...	...	...	124
OTEC (Hamilton)	...	...	...	138	...	...	...	...	138
OTEC (Toronto)	...	...	...	281	...	...	...	...	281
Ottawa (English)	...	...	...	124	...	...	...	...	124
Ottawa (French)	...	...	...	62	...	68	...	...	130
Queens	...	...	...	174	...	162	176	25	537
Toronto	31 ³	...	...	31 ³	...	669	516	83	1,299 ³
Western	...	...	...	374	...	318	...	37	729
Western (Native Program)	-	-	2	...	...	...	...	...	2
Windsor	...	...	...	101	...	52	...	...	153
York	...	...	...	119	...	43	...	...	162
Total	31	28	31	1,696	21	1,344	734	145	3,999 ³

¹ As of June.

² Offers courses only in French.

³ The same graduates appear in both divisions. This duplication has been removed from the Toronto total and from the grand total.

Source: Ministry of Education, *Education Statistics, Ontario*,
Reports of the Minister of Education.

Table 6.26

Graduates of Colleges of Applied Arts and Technology, Ontario, 1972-73 to 1978-79

	Applied Arts	Business	Technology	Health	Other	Total
1972-73	2,788	3,028	2,681	538	306	9,341
1973-74	3,531	3,508	2,876	2,454	399	12,768
1974-75	4,042	3,950	3,062	4,540	637	16,231
1975-76	4,524	3,969	3,322	4,691	772	17,278
1976-77	4,564	4,916	3,698	4,552	...	17,730
1977-78	4,766	5,264	3,668	4,111	...	17,809
1978-79	4,938	5,965	4,125	3,924	...	18,952

Source: Ministry of Education, Information Resources Branch.

Table 6.27

University Degrees Awarded by Sex, Canada and Ontario, 1972 to 1981

	Bachelor's and First Professional Degrees			Master's Degrees			Doctoral Degrees ²		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1972									
Canada	43,873	28,543	72,416	7,725	2,552	10,277	1,564	160	1,724
Ontario	17,519	10,532	28,051	4,187	1,301	5,488	772	79	851
1973									
Canada	42,565	28,099	70,664 ³	7,757	2,846	10,603	1,712	217	1,929
Ontario	18,032	11,702	29,734	3,849	1,533	5,382	813	97	910
1974									
Canada	43,784	31,067	74,851	7,426	2,770	10,196	1,662	234	1,896
Ontario	18,364	13,322	31,686	3,853	1,428	5,281	800	134	934
1975									
Canada	44,937	35,800	80,737	7,950	3,118	11,068	1,544	296	1,840
Ontario	19,771	16,742	36,513	4,271	1,589	5,860	774	132	906
1976									
Canada	44,740	38,536	83,276	8,030	3,525	11,555	1,375	318	1,693
Ontario	20,150	18,761	38,911	4,297	1,790	6,087	716	163	879
1977									
Canada	45,699	41,657	87,356	8,498	3,877	12,375	1,396	306	1,702
Ontario	20,128	20,150	40,278	4,408	2,007	6,415	691	184	875
1978									
Canada	46,029	43,287	89,316	8,485	4,146	12,631	1,483	334	1,817
Ontario	19,536	20,178	39,714	4,185	2,063	6,248	752	156	908
1979 ⁴									
Canada	45,900	43,065	88,965	8,700	4,290	12,990	1,520	355	1,875
Ontario	19,055	19,445	38,500	4,275	2,105	6,380	760	175	935
1980 ⁴									
Canada	45,340	42,930	88,270	8,600	4,410	13,010	1,515	365	1,880
Ontario	18,410	19,090	37,500	4,140	2,140	6,280	755	180	935
1981 ⁴									
Canada	44,655	42,695	87,350	8,570	4,370	12,940	1,495	385	1,880
Ontario	17,800	18,800	36,600	4,105	2,055	6,160	735	185	920

1) Academic years ending 1972 and 1973; calendar years thereafter.

2) Degrees refer to earned doctorates.

3) Decline is due to the introduction of CEGEP system in the latter part of the sixties.

4) Projections.

Source: SC, *Advance Statistics of Education*.

Table 6.28
Schools, Teachers and Enrolment in French-Language Elementary Schools, Ontario, 1960-1979¹

	Public			Roman Catholic Separate			Total Elementary		
	Schools	Full-time Teachers	Enrolment	Schools	Full-time Teachers	Enrolment	Schools	Full-time Teachers	Enrolment
1960	58	142	3,673	509	2,651	80,312	567	2,793	83,985
1961	52	139	3,579	505	2,753	82,568	557	2,892	86,147
1962	41	127	3,186	491	2,833	84,841	532	2,960	88,027
1963	39	123	3,088	461	2,908	85,450	500	3,031	88,538
1964	30	107	2,700	443	3,049	87,610	473	3,156	90,310
1965	16	90	2,354	409	3,136	88,241	425	3,226	90,595
1966	14	92	2,455	389	3,595	90,771	403	3,687	93,226
1967	13	91	2,459	372	3,760	92,145	385	3,851	94,604
1968	11	89	2,336	335	3,490	87,858	346	3,579	90,194
1969	9	89	2,354	320	3,679	88,043	329	3,768	90,397
1970	9	92	2,236	324	3,682	87,989	333	3,774	90,225
1971	9	85	2,074	314	3,684	85,422	323	3,769	87,496
1972	8	81	1,961	305	3,643	83,278	313	3,724	85,239
1973	9	86	2,103	290	3,516	80,502	299	3,602	82,605
1974	9	100	2,418	293	3,383	77,764	302	3,483	80,182
1975	10	95	2,299	295	3,426	75,125	305	3,521	77,424
1976	9	96	2,289	291	3,261	72,300	300	3,357	74,589
1977	12	107	2,435	284	3,198	70,018	296	3,305	72,453
1978	12	122	2,761	285	3,142	67,612	297	3,264	70,373
1979 ²	13	120	2,924	284	3,052	65,622	297	3,172	68,546

¹ As of the last school day in September.

² Excludes French teachers in ten mixed elementary schools.

Source: Ministry of Education, *Education Statistics, Ontario*,
Reports of the Minister of Education.

Table 6.29**Schools, Teachers and Enrolment, by County and District, Ontario, 1978 and 1979**

1978 ¹	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Total Elementary	3,969	54,775	664,068	626,269	1,290,337
Brant	51	618	7,737	7,224	14,961
Bruce	32	393	5,258	4,931	10,189
Dufferin	12	229	2,716	2,519	5,235
Elgin	29	473	5,477	5,279	10,756
Essex	145	2,209	26,271	24,903	51,174
Frontenac	58	683	7,968	7,275	15,243
Grey	31	481	5,544	5,121	10,665
Hastings	65	712	8,371	7,906	16,277
Huron	34	366	4,299	4,090	8,389
Kent	52	730	8,867	8,155	17,022
Lambton	66	849	9,861	9,333	19,194
Lanark	22	295	3,260	3,133	6,393
Leeds & Grenville	46	511	5,936	5,511	11,447
Lennox & Addington	21	255	2,908	2,653	5,561
Middlesex	119	1,712	23,253	21,718	44,971
Municipality of Metropolitan Toronto	706	12,291	150,337	143,289	293,626
Northumberland	34	394	4,992	4,676	9,668
Oxford	52	512	6,464	5,948	12,412
Perth	33	383	4,892	4,581	9,473
Peterborough	48	564	7,599	7,186	14,785
Prescott & Russell	34	413	4,149	4,130	8,279
Prince Edward	10	133	1,510	1,445	2,955
Provincial County of Haliburton	7	72	758	711	1,469
Regional Municipality of Durham	112	1,729	22,920	21,582	44,502
Regional Municipality of Haldimand- Norfolk	57	542	6,850	6,307	13,157
Regional Municipality of Halton	97	1,478	19,833	18,555	38,388
Regional Municipality of Hamilton- Wentworth	169	2,474	30,625	28,985	59,610
Regional Municipality of Niagara	211	2,368	29,977	28,026	58,003
Regional Municipality of Ottawa-Carleton	228	3,644	40,126	37,259	77,385
Regional Municipality of Peel	176	3,340	39,975	38,246	78,221
Regional Municipality of Sudbury	107	1,289	15,783	15,037	30,820
Regional Municipality of Waterloo	146	2,027	24,467	23,211	47,678
Regional Municipality of York	98	1,420	18,368	16,952	35,320
Renfrew	63	645	7,329	6,935	14,264
Simcoe	108	1,410	17,752	16,511	34,263
Stormont, Dundas & Glengarry	83	756	7,880	7,467	15,347
Victoria	21	280	3,308	3,203	6,511
Wellington	67	784	9,977	9,318	19,295
Total, Counties	3,450	49,464	603,597	569,311	1,172,908

Table 6.29 (cont'd)

Schools, Teachers and Enrolment, by County and District, Ontario, 1978 and 1979

			Enrolment		
1978 ¹	Schools	Full-time Teachers	Male	Female	Total
Elementary (cont'd)					
Algoma	98	983	11,726	11,051	22,777
Cochrane	74	851	9,089	8,677	17,766
District Municipality of Muskoka	18	225	2,550	2,408	4,958
Kenora	42	379	4,240	3,926	8,166
Manitoulin	6	55	629	631	1,260
Nipissing	63	631	7,579	6,954	14,533
Parry Sound	23	252	2,602	2,324	4,926
Rainy River	22	185	2,138	1,989	4,127
Sudbury	35	342	3,638	3,432	7,070
Timiskaming	35	364	3,705	3,538	7,243
Thunder Bay	103	1,044	12,575	12,028	24,603
Total, Districts	519	5,311	60,471	56,958	117,429
Total Secondary					
	630	35,068	314,873	296,795	611,668
Brant	6	392	3,511	3,356	6,867
Bruce	7	205	1,867	1,951	3,818
Dufferin	2	135	1,306	1,278	2,584
Elgin	5	268	2,477	2,454	4,931
Essex	20	1,247	10,849	10,217	21,066
Frontenac	8	455	4,204	3,969	8,173
Grey	5	306	2,826	2,709	5,535
Hastings	8	515	4,629	4,330	8,959
Huron	5	273	2,293	2,323	4,616
Kent	11	493	4,032	4,144	8,176
Lambton	8	503	4,352	4,141	8,493
Lanark	4	203	1,873	1,830	3,703
Leeds & Grenville	7	353	3,212	3,060	6,272
Lennox & Addington	3	151	1,433	1,364	2,797
Middlesex	22	1,301	11,669	10,957	22,626
Municipality of Metropolitan Toronto	150	7,925	71,444	66,324	137,768
Northumberland	5	299	2,596	2,646	5,242
Oxford	7	354	3,190	3,169	6,359
Perth	5	302	2,699	2,662	5,361
Peterborough	8	423	3,950	3,754	7,704
Prescott & Russell	6	269	2,211	2,209	4,420
Prince Edward	1	82	717	708	1,425
Provisional County of Haliburton	1	41	341	295	636
Regional Municipality of Durham	20	1,139	10,573	10,267	20,840

Table 6.29 (cont'd)**Schools, Teachers and Enrolment, by County and District, Ontario, 1978 and 1979**

			Enrolment		
1978 ¹	Schools	Full-time Teachers	Male	Female	Total
Secondary (cont'd)					
Regional Municipality of Haldimand-Norfolk	9	396	3,564	3,421	6,985
Regional Municipality of Halton	16	1,078	10,760	10,135	20,895
Regional Municipality of Hamilton-Wentworth	29	1,469	13,007	12,115	25,122
Regional Municipality of Niagara	29	1,534	13,636	12,795	26,431
Regional Municipality of Ottawa-Carleton	37	2,397	21,322	19,310	40,632
Regional Municipality of Peel	26	1,848	16,207	15,041	31,248
Regional Municipality of Sudbury	16	841	7,512	6,810	14,322
Regional Municipality of Waterloo	14	1,019	9,357	8,801	18,158
Regional Municipality of York	15	878	8,799	8,053	16,852
Renfrew	8	456	4,144	3,993	8,137
Simcoe	15	956	8,747	8,242	16,989
Stormont, Dundas & Glengarry	11	555	4,701	4,591	9,292
Victoria	3	183	1,616	1,634	3,250
Wellington	9	485	4,499	4,402	8,901
Total, Counties	561	31,729	286,125	269,460	555,585
Algoma	13	617	5,344	4,987	10,331
Cochrane	10	544	4,420	4,238	8,658
District Municipality of Muskoka	3	158	1,475	1,412	2,887
Kenora	6	228	1,942	1,778	3,720
Manitoulin	1	51	455	388	843
Nipissing	7	425	3,774	3,514	7,288
Parry Sound	2	168	1,418	1,394	2,812
Rainy River	4	120	1,073	995	2,068
Sudbury	3	114	992	979	1,971
Timiskaming	5	239	2,027	2,016	4,043
Thunder Bay	15	675	5,828	5,634	11,462
Total, Districts	69	3,339	28,748	27,335	56,083

Table 6.29 (cont'd)

Schools, Teachers and Enrolment, by County and District, Ontario, 1978 and 1979

1979 ¹	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Total Elementary	3,945	53,549	647,774	610,987	1,258,761
Brant	51	619	7,549	7,038	14,587
Bruce	32	383	5,134	4,765	9,899
Dufferin	12	226	2,639	2,468	5,107
Elgin	29	460	5,362	5,165	10,527
Essex	144	2,222	25,703	24,329	50,032
Frontenac	58	668	7,649	7,037	14,686
Grey	31	461	5,265	4,888	10,153
Hastings	65	686	8,114	7,683	15,797
Huron	34	366	4,165	3,991	8,156
Kent	52	706	8,663	8,091	16,754
Lambton	66	826	9,542	9,093	18,635
Lanark	21	283	3,137	3,047	6,184
Leeds & Grenville	45	495	5,802	5,346	11,148
Lennox & Addington	21	245	2,838	2,572	5,410
Middlesex	112	1,683	22,760	21,235	43,995
Municipality of Metropolitan Toronto	711	11,757	144,063	137,377	281,440
Northumberland	35	389	4,930	4,658	9,588
Oxford	50	494	6,330	5,820	12,150
Perth	33	393	4,705	4,379	9,084
Peterborough	50	565	7,550	7,141	14,691
Prescott & Russell	32	411	4,120	4,046	8,166
Prince Edward	10	123	1,362	1,379	2,741
Provisional County of Haliburton	7	69	761	670	1,431
Regional Municipality of Durham	112	1,743	22,631	21,291	43,922
Regional Municipality of Haldimand-Norfolk	53	526	6,613	6,093	12,706
Regional Municipality of Halton	98	1,487	19,787	18,455	38,242
Regional Municipality of Hamilton-Wentworth	171	2,398	29,885	28,588	58,473
Regional Municipality of Niagara	211	2,257	28,924	27,011	55,935
Regional Municipality of Ottawa-Carleton	227	3,594	39,262	36,210	75,472
Regional Municipality of Peel	178	3,382	41,077	39,139	80,216
Regional Municipality of Sudbury	105	1,226	15,078	14,275	29,353
Regional Municipality of Waterloo	145	1,989	24,007	22,834	46,841
Regional Municipality of York	99	1,482	18,756	17,386	36,142
Renfrew	62	585	6,983	6,713	13,696
Simcoe	107	1,428	17,439	16,132	33,571
Stormont, Dundas & Glengarry	81	699	7,645	7,223	14,868
Victoria	21	289	3,281	3,147	6,428
Wellington	68	777	9,724	9,109	18,833
Total, Counties	3,439	48,392	589,235	555,824	1,145,059

Table 6.29 (cont'd)**Schools, Teachers and Enrolment, by County and District, Ontario, 1978 and 1979**

1979'	Schools	Full-time Teachers	Enrolment		Total
			Male	Female	
Elementary (cont'd)					
Algoma	95	965	11,461	10,914	22,375
Cochrane	70	817	8,850	8,310	17,160
District Municipality of Muskoka	18	224	2,432	2,347	4,779
Kenora	40	359	4,087	3,765	7,852
Manitoulin	6	54	608	590	1,198
Nipissing	62	619	7,189	6,606	13,795
Parry Sound	21	237	2,449	2,198	4,647
Rainy River	22	173	2,023	1,902	3,925
Sudbury	35	321	3,479	3,312	6,791
Timiskaming	34	349	3,537	3,349	6,886
Thunder Bay	103	1,039	12,424	11,870	24,294
Total, Districts	506	5,157	58,539	55,163	113,702
Total Secondary	633	34,513	309,087	290,997	600,084
Brant	6	388	3,475	3,277	6,752
Bruce	7	204	1,804	1,965	3,769
Dufferin	2	138	1,295	1,277	2,572
Elgin	5	267	2,459	2,390	4,849
Essex	20	1,252	10,714	10,069	20,783
Frontenac	8	445	4,093	3,868	7,961
Grey	5	302	2,767	2,608	5,375
Hastings	8	488	4,455	4,129	8,584
Huron	5	268	2,219	2,247	4,466
Kent	11	469	4,007	3,932	7,939
Lambton	8	475	4,185	4,015	8,200
Lanark	4	202	1,900	1,772	3,672
Leeds & Grenville	7	350	3,175	3,073	6,248
Lennox & Addington	3	151	1,395	1,330	2,725
Middlesex	21	1,262	11,533	10,636	22,169
Municipality of Metropolitan Toronto	153	7,673	69,607	64,499	134,106
Northumberland	5	294	2,519	2,495	5,014
Oxford	7	339	3,111	3,116	6,227
Perth	5	294	2,543	2,648	5,191
Peterborough	8	423	3,860	3,636	7,496
Prescott & Russell	6	281	2,251	2,252	4,503
Prince Edward	1	81	693	668	1,361
Provisional County of Haliburton	1	35	324	299	623
Regional Municipality of Durham	20	1,147	10,672	10,259	20,931

Table 6.29 (cont'd)

Schools, Teachers and Enrolment, by County and District, Ontario, 1978 and 1979

			Enrolment		
1979 ¹	Schools	Full-time Teachers	Male	Female	Total
Secondary (cont'd)					
Regional Municipality of Haldimand-Norfolk	9	399	3,513	3,415	6,928
Regional Municipality of Halton	16	1,086	10,680	9,978	20,658
Regional Municipality of Hamilton-Wentworth	29	1,445	12,641	11,780	24,421
Regional Municipality of Niagara	29	1,507	13,225	12,589	25,814
Regional Municipality of Ottawa-Carleton	37	2,346	20,801	18,947	39,748
Regional Municipality of Peel	27	1,884	16,713	15,360	32,073
Regional Municipality of Sudbury	16	819	7,176	6,622	13,798
Regional Municipality of Waterloo	14	1,021	9,489	8,909	18,398
Regional Municipality of York	15	894	8,777	8,112	16,889
Renfrew	8	459	4,053	3,848	7,901
Simcoe	15	960	8,682	8,074	16,756
Stormont, Dundas & Glengarry	11	519	4,528	4,418	8,946
Victoria	3	182	1,583	1,579	3,162
Wellington	9	478	4,445	4,355	8,800
Total, Counties	564	31,227	281,362	264,446	545,808
Algoma	13	616	5,326	4,872	10,198
Cochrane	10	547	4,284	4,141	8,425
District Municipality of Muskoka	3	159	1,418	1,408	2,826
Kenora	6	215	1,766	1,717	3,483
Manitoulin	1	50	426	388	814
Nipissing	7	413	3,627	3,430	7,057
Parry Sound	2	164	1,397	1,325	2,722
Rainy River	4	115	1,031	949	1,980
Sudbury	3	111	924	955	1,879
Timiskaming	5	230	1,915	1,946	3,861
Thunder Bay	15	666	5,611	5,420	11,031
Total, Districts	69	3,286	27,725	26,551	54,276

¹) As of the last school day in September.Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.30

Total Full-Time University Teachers by Sex, Degree and Age, Ontario, 1974-75 to 1977-78

	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over	Age Not Reported
1974-75									
All Teachers									
Doctorate	7,082	4	269	1,521	1,722	1,370	948	1,240	8
Master's	3,082	9	360	728	588	447	370	566	14
First Professional	695	9	28	95	152	122	111	178	-
Bachelor's	878	13	130	185	144	107	102	195	2
Other	378	5	40	65	75	68	46	76	3
Total	12,115	40	827	2,594	2,681	2,114	1,577	2,255	27
Male									
Doctorate	6,490	4	243	1,383	1,606	1,269	860	1,120	5
Master's	2,442	5	269	586	467	365	296	447	7
First Professional	636	6	22	82	146	116	101	163	-
Bachelor's	593	4	62	108	105	81	72	160	1
Other	305	2	33	52	64	56	37	59	2
Total	10,466	21	629	2,211	2,388	1,887	1,366	1,949	15
Female									
Doctorate	592	-	26	138	116	101	88	120	3
Master's	640	4	91	142	121	82	74	119	7
First Professional	59	3	6	13	6	6	10	15	-
Bachelor's	285	9	68	77	39	26	30	35	1
Other	73	3	7	13	11	12	9	17	1
Total	1,649	19	198	383	293	227	211	306	12
1975-76									
All Teachers									
Doctorate	7,369	1	233	1,446	1,832	1,430	1,049	1,373	5
Master's	3,086	12	322	669	611	471	384	608	9
First Professional	720	6	28	98	151	117	117	203	-
Bachelor's	845	13	110	164	142	114	94	208	-
Other	270	1	32	44	42	52	36	62	1
Total	12,290	33	725	2,421	2,778	2,184	1,680	2,454	15
Male									
Doctorate	6,758	1	213	1,312	1,693	1,339	943	1,254	3
Master's	2,425	8	232	536	480	375	309	481	4
First Professional	664	4	21	87	145	113	107	187	-
Bachelor's	582	5	57	89	102	90	68	171	-
Other	200	1	21	32	29	41	28	47	1
Total	10,629	19	544	2,056	2,449	1,958	1,455	2,140	8
Female									
Doctorate	611	-	20	134	139	91	106	119	2
Master's	661	4	90	133	131	96	75	127	5
First Professional	56	2	7	11	6	4	10	16	-
Bachelor's	263	8	53	75	40	24	26	37	-
Other	70	-	11	12	13	11	8	15	-
Total	1,661	14	181	365	329	226	225	314	7

Table 6.30 (cont'd)

Total Full-Time University Teachers by Sex, Degree and Age, Ontario, 1974-75 to 1977-78

	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over	Age not Reported
1976-77									
All Teachers									
Doctorate	7,896	3	252	1,417	1,975	1,541	1,188	1,514	6
Master's	2,950	12	257	586	581	467	392	649	6
First									
Professional	739	2	18	93	141	139	131	215	0
Bachelor's	810	20	89	151	130	119	97	204	0
Other	262	0	29	39	42	48	31	69	4
Total	12,657	37	645	2,286	2,869	2,314	1,839	2,651	16
Male									
Doctorate	7,188	2	218	1,266	1,800	1,442	1,079	1,376	5
Master's	2,294	8	184	458	458	361	311	514	0
First									
Professional	668	1	9	77	134	129	120	198	0
Bachelor's	551	11	48	76	88	90	71	167	0
Other	198	0	22	25	29	42	24	52	4
Total	10,899	22	481	1,902	2,509	2,064	1,605	2,307	9
Female									
Doctorate	708	1	34	151	175	99	109	138	1
Master's	656	4	73	128	123	106	81	135	6
First									
Professional	71	1	9	16	7	10	11	17	0
Bachelor's	259	9	41	75	42	29	26	37	0
Other	64	0	7	14	13	6	7	17	0
Total	1,758	15	164	384	360	250	234	344	7
1977-78									
All Teachers									
Doctorate	7,953	2	211	1,255	1,970	1,622	1,260	1,630	3
Master's	2,947	13	240	577	580	463	398	676	-
First									
Professional	808	-	18	113	169	145	131	232	-
Bachelor's	815	22	88	139	137	118	102	209	-
Other	233	2	15	28	40	44	34	68	2
Total	12,756	39	572	2,112	2,896	2,392	1,925	2,815	5
Male									
Doctorate	7,208	2	184	1,107	1,788	1,503	1,142	1,480	2
Master's	2,265	7	167	435	440	367	316	533	-
First									
Professional	737	-	13	95	159	134	121	215	-
Bachelor's	554	15	40	79	82	93	70	175	-
Other	177	2	11	19	27	39	25	53	1
Total	10,941	26	415	1,735	2,496	2,136	1,674	2,456	3
Female									
Doctorate	745	-	27	148	182	119	118	150	1
Master's	682	6	73	142	140	96	82	143	-
First									
Professional	71	-	5	18	10	11	16	17	-
Bachelor's	261	7	48	60	55	25	32	34	-
Other	56	-	4	9	13	5	9	15	1
Total	1,815	13	157	377	400	256	251	359	2

Source: SC, Education, Science and Culture Division.

Table 6.31Average Academic Salaries¹ by Rank at Universities², Ontario, 1973-74 to 1978-79

	1973-74	1974-75 ³	1975-76	1976-77 ³	1977-78	1978-79
	\$					
Full Professor	26,614	28,807	32,227	35,090	37,478	37,675
Associate Professor	19,262	20,784	23,135	25,537	27,563	28,337
Assistant Professor	15,409	16,756	18,811	20,444	21,887	22,855
Lecturer	12,498	13,699	15,716	16,688	18,106	18,846
Average	19,211	21,084	23,918	26,350	28,451	28,777

1) Salaries include those for Medical and Dental academic staff.

2) Ryerson not included.

3) Algoma not included.

Source: Ministry of Education,
University Affairs Division from Statistics
Canada University Faculty Salary Analysis System.

Table 6.32

Expenditures on Education, Percentage Distribution by Source of Funds, Canada and Ontario, Selected Years, 1965–1977

	Sources of Funds					
	Total	Government			Fees	Other Sources
		Federal ¹	Provincial ²	Municipal		
	\$'000's			%		
Canada³						
1965	3,399,505	10.8	46.7	30.5	5.9	6.1
1969	6,624,045	11.4	55.2	24.5	4.1	4.8
1970	7,676,049	12.1	56.2	22.4	4.2	5.1
1971	8,349,705	11.1	59.5	20.5	4.6	4.3
1972	8,675,696	10.9	60.5	20.6	4.8	3.2
1973	9,639,390	10.2	60.6	20.2	4.6	4.4
1974	11,063,699	9.5	63.5	18.8	4.3	3.9
1975	13,011,722	9.2	64.5	18.7	4.1	3.5
1976 ⁱ	15,013,901	9.1	65.5	18.7	3.8	2.9
1977 ^p	17,433,031	8.9	66.7	17.8	3.8	2.8
Ontario						
1965	1,238,526	9.2	48.4	32.1	5.0	5.3
1969	2,610,804	7.4	56.3	28.4	4.1	3.8
1970	2,962,418	7.2	58.6	26.6	4.1	3.5
1971	3,263,627	7.7	61.3	24.3	4.4	2.3
1972	3,358,661	8.6	60.1	22.6	5.0	3.7
1973	3,565,253	8.0	61.2 ⁱ	21.8 ⁱ	5.1	3.9
1974	3,994,938	7.8	61.5	22.3	4.9	3.5
1975	4,526,293	7.8	61.6	22.3	4.9	3.4
1976 ⁱ	5,349,717	8.2	58.6	25.3	4.7	3.2
1977 ^p	6,162,426	7.1	60.7	24.7	4.6	2.9

¹ Starting with 1967, the funds transferred to the provinces for the purpose of post-secondary education are classified as provincial expenditures.

² The federal funds transferred to the provinces for the purposes of post-secondary education and minority language training are classified as provincial expenditures.

³ Includes Yukon, Northwest Territories, Overseas and undistributable expenditures.

Source: SC, Education, Science and Culture Division.

Table 6.33Ontario Graduate Fellowships¹/Scholarships, 1973–74 to 1979–80

Year ³	Students			Amounts ²		
	Resident ⁴	Non-Resident	Total	Fall and Winter	Summer	Total
					\$	
1973–74	1,233	84	1,317	1,946,250 ⁱ	721,350	2,667,600 ⁱ
1974–75	1,025	77	1,102	1,587,690	524,048	2,111,738
1975–76	925	34	959	1,943,363	281,807	2,225,200
1976–77	946	41	987	2,903,841	363,641	3,267,482
1977–78	873	43	916	3,209,060	450,950	3,660,010
1978–79	1,131	49	1,180	2,776,650	609,000	3,385,650
1979–80	1,115	58	1,173	3,573,800	1,080,000	4,653,800

¹ Ontario Graduate Fellowships were superseded by Ontario Graduate Scholarships starting in the 1974–75 academic year, except for a transition period (Spring, 1974) when both O.G.F. and O.G.S. were awarded.

² Fellowships/Scholarships require attendance for two out of three semester sessions. The regular academic year includes fall and winter but the amounts given include payments made to students who attend only one term following or preceding a summer session.

³ Represents fiscal year (April–March).

⁴ Resident refers to students who are Canadian Citizens or Landed Immigrants.

Source: Ministry of Education, Students Awards Branch.

Table 6.34
Ontario Student Assistance Program¹, 1978-79

	Grant Eligible				Grant Ineligible				Total		
	No. of Cases	Grant	Canada Student Loan	OSAP Loan	No. of Cases	Canada Student Loan	OSAP Loan	No. of Cases	Grant	Canada Student Loan	OSAP Loan
			\$000's				\$000's			\$000's	
Universities	31,556	43,184.8	22,639.9	3,254.5	14,482	24,018.7	9,137.3	46,038	43,184.8	46,658.6	12,391.7
Ryerson	2,256	3,142.8	1,594.1	204.9	516	839.4	211.8	2,772	3,142.8	2,433.5	416.7
Ontario College of Art	388	672.2	335.7	56.2	132	228.3	113.2	520	672.2	564.0	168.4
Royal Military College	-	-	-	-	7	8.3	-	7	-	8.3	-
Bar Admission	1	.9	1.8	1.4	412	629.4	93.0	413	.9	631.2	94.4
C.A.T.'s ¹	18,725	24,783.8	12,520.9	2,394.1	2,162	3,486.1	74.8	20,887	24,783.8	16,007.0	3,137.9
Agricultural Colleges	181	148.8	57.2	19.0	35	26.3	1.9	216	148.8	83.4	20.9
Other Ontario Institutions ³	2,109	2,090.0	2,801.1	68.6	974	1,659.9	318.6	3,083	2,090.0	4,461.0	387.2
Teachers Colleges ⁴	60	67.9	40.1	13.1	92	154.0	49.0	152	67.9	194.1	62.1
Out-of-Province Institutions ⁵	1,176	1,700.9	995.6	-	1,322	2,320.9	-	2,498	1,700.9	3,316.5	-
Total	50,281	67,968.6	35,160.8	5,648.6	16,644	27,504.8	9,881.0	66,925	67,968.6	62,665.6	15,529.6

1) OSAP is the accepted abbreviation.

2) C.A.A.T.'s denotes Colleges of Applied Arts and Technology.

3) Includes eligible private schools, medical institutes, etc.

4) Data refers to Teachers Colleges at Hamilton, Toronto and Ottawa. All other teachers colleges were incorporated with the respective university in the area.

Includes other Canadian institutions and Universities and Foreign Universities and Institutions.

Source: Ministry of Education, Student Awards Branch, OSAP Statistical Report.

Table 6.35

Summary of Financial Statistics of School Boards, Ontario 1977 and 1978

1977	Public Seperate	Roman Catholic Seperate	Total Elementary	Secondary	Grand Total
\$ '000's					
Revenue	1,425,442	637,855	2,063,297	1,464,759	3,528,056
Local Taxation ¹	723,724	107,778	831,502	711,530	1,543,032
Provincial Government - Grants, Subsidies	669,027	514,917	1,183,944	686,642	1,870,586
Provincial Government - Other	1,260	917	2,177	1,193	3,370
Federal Government Transfers from Other Boards	5,743	3,955	9,698	8,511	18,209
Individuals	6,456	3,592	10,048	24,846	34,894
Sale of Property and Insurance Proceeds	541	500	1,041	8,442	9,483
Other Revenue	3,122	2,832	5,954	2,125	8,079
Transfers from Reserves and Other Funds	10,262	2,987	13,249	15,388	28,637
	5,307	377	5,684	6,082	11,766
Expenditure	1,425,442	637,855	2,063,297	1,464,759 ³	3,528,056
Business Administration	25,599	16,822	42,421	27,463	69,884
Computer Services	2,891	1,004	3,895	6,092	9,987
Instruction, Day Schools - Salaries and Fringe Benefits	875,543	370,951	1,246,494	897,191	2,143,685
Instruction, Day Schools - Supplies and Other Expenses	107,120	60,815	167,935	123,677	291,612
Educational Services	26,065	11,177	37,242	23,221	60,463
Attendance, Health and Food Services	3,305	639	3,944	8,989	12,933
Plant Operation and plant maintenance	180,972	73,505	254,477	169,817	424,294
Transportation	57,493	32,442	89,935	47,123	137,058
Capital Expenditure from Revenue (non- allocable)	20,370	6,663	27,033	17,306	44,339
Debt Charges ²	90,907	48,439	139,346	75,725	215,071
Other Operating Expenditure	6,471	2,820	9,291	6,352	15,643
Net Day School Expenditure	1,396,736	625,277	2,022,013	1,402,956	3,424,969
Expenditure for Adult Education	277	1,631	1,908	17,100	19,008
Transfers to Other Boards	4,365	4,494	8,859	24,195	33,054
Non-operating Expenditure	4,022	999	5,021	2,857	7,878
Tax Write-offs and Revisions	12,007	780	12,787	10,195	22,982
Provision for Reserves and Other Funds	8,035	4,674	12,709	7,456	20,165

Table 6.35 (cont'd)
Summary of Financial Statistics of School Boards, Ontario, 1977 and 1978

1978	Public Separate	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
\$'000's					
Revenue	1,517,456	709,783	2,227,239	1,574,417	3,801,656
Local Taxation ¹	800,205	127,895	928,100	786,621	1,714,721
Provincial Government – Grants	677,120	561,182	1,238,302	713,481	1,951,783
Provincial Government Other	820	767	1,587	1,108	2,695
Federal Government	5,675	3,513	9,188	8,360	17,548
Transfers from Other Boards	6,581	3,978	10,559	25,973	36,532
Individuals	560	594	1,154	8,747	9,901
Sale of Property and Insurance Proceeds	6,119	2,778	8,897	3,797	12,694
Other Revenue	12,466	3,689	16,155	17,949	34,104
Transfers from Reserves and Other Funds	7,910	5,387	13,297	8,381	21,678
Expenditure	1,517,456	709,783	2,227,239	1,574,417 ³	3,801,656
Business Administration	26,996	17,995	44,991	29,328	74,319
Computer Services	3,106	1,209	4,315	6,611	10,926
Instruction, Day Schools – Salaries and Fringe Benefits	935,902	413,777	1,349,679	969,146	2,318,825
Instruction, Day Schools – Supplies and Other Expenses	111,184	67,117	178,301	130,873	309,174
Educational Services	27,619	12,805	40,424	24,224	64,648
Attendance, Health and Food Services	3,478	686	4,164	9,435	13,599
Plant Operation & Plant Maintenance	193,536	81,543	275,079	182,571	457,650
Transportation	63,401	37,597	100,998	52,359	153,357
Capital Expenditure from Revenue (non-allocable)	22,690	10,376	33,066	17,312	50,378
Debt Charges ²	89,805	50,586	140,391	75,912	216,303
Other Operating Expenditure	6,408	2,763	9,171	6,843	16,014
Net Day School Expenditure	1,484,125	696,454	2,180,579	1,504,614	3,685,193
Expenditure for Adult Education	497	3,222	3,719	17,715	21,434
Transfers to Other Boards	4,891	4,959	9,850	25,262	35,112
Non-operating Expenditure	4,090	1,379	5,469	3,271	8,740
Tax Write-offs and Revisions	11,786	819	12,605	10,391	22,996
Provision for Reserves and Other Funds	12,067	2,950	15,017	13,164	28,181

¹⁾ Represents the portion of the total expenditure required to be raised by local taxation.

²⁾ Includes interest on short term borrowings for capital purposes.

³⁾ Includes revenue and expenditure in respect of schools for trainable retarded pupils.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.36Local Taxation¹ for Education, Ontario, 1968-1978

	Public	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
\$'000's					
1968	307,873	42,265	350,138	282,833	632,971
1969	365,409	49,985	415,394	335,017	750,411
1970	404,249	53,893	458,142	341,061	799,203
1971	397,412	54,080	451,492	333,929	785,421
1972	395,658	53,190	448,848	339,106	787,954
1973	403,151	56,164	459,315	345,190	804,505
1974	449,297	60,310	509,607	393,988	903,595
1975	513,661	72,046	585,707	437,299	1,023,006
1976	654,700	96,539	751,239	620,323	1,371,562
1977	723,724	107,778	831,502	711,530	1,543,032
1978	800,205	127,895	928,100	786,621	1,714,721

1) Represents the portion of the total expenditure required to be raised by local taxation.

Source: Ministry of Education, *Education Statistics Ontario*.
Reports of the Minister of Education.

Table 6.37
School Board Expenditures and General Legislative Grants, Ontario, 1969-1979

	Public			Roman Catholic Separate			Total Elementary			Secondary			All Schools		
	Expen- diture	Grant	Per Cent¹	Expen- diture	Grant	Per Cent¹	Expen- diture	Grant	Per Cent¹	Expen- diture	Grant	Per Cent¹	Expen- diture	Grant	Per Cent¹
	\$Million														
1969	627.9	254.9	40.6	227.5	171.9	75.6	855.4	426.8	49.9	606.1	252.8	41.7	1,461.5	679.6	46.5
1970	707.3	303.9	43.0	259.7	207.5	79.9	966.9	511.4	52.9	672.6	333.1	49.5	1,639.5	844.6	51.5
1971	759.2	366.1	48.2	285.5	235.4	82.4	1,044.7	601.4	57.6	739.5	411.1	55.6	1,784.2	1,012.5	56.8
1972	817.6	424.6	51.9	314.7	262.7	83.5	1,132.4	687.4	60.7	803.3	467.8	58.2	1,935.7	1,155.2	59.7
1973	837.2	438.6	52.4	327.4	278.7	85.1	1,164.6	717.2	61.6	834.7	492.7	59.0	1,999.3	1,209.9	60.5
1974	922.7	475.1	51.5	381.7	321.0	84.1	1,304.4	796.1	61.0	912.9	521.9	57.2	2,217.3	1,318.0	59.4
1975	1,109.7	592.5	53.4	480.4	407.9	84.9	1,590.1	1,000.4	62.9	1,066.0	628.3	58.9	2,656.2	1,628.7	61.3
1976	1,283.1	617.9	48.2	561.1	464.5	82.8	1,844.2	1,082.4	58.7	1,260.9	637.8	50.6	3,105.1	1,720.2	55.4
1977	1,392.1	669.0	48.1	617.5	514.9	83.4	2,009.6	1,183.9	58.9	1,397.4	686.6	49.1	3,407.1	1,870.6	54.9
1978	1,484.9	697.1	45.9	690.5	561.2	81.3	2,165.4	1,238.3	57.2	1,496.0	713.5	47.7	3,661.4	1,951.8	53.3
1979:	1,568.5	691.1	44.1	754.3	607.1	80.5	2,322.8	1,298.1	55.9	1,619.6	750.2	46.3	3,942.4	2,048.3	51.9

¹⁾ Percentage of expenditure which is covered by grants.
²⁾ Data are from School Boards' Estimates as submitted to the Ministry of Education.
Source: Ministry of Education, *Education Statistics, Ontario*.
Reports of the Minister of Education.

Table 6.38

Comparison of Ontario Population¹ and Publicly Supported Elementary and Secondary School Enrolment² by Selected Age Groups, 1970-1979

Year	Total population of Ontario	Total (elementary and secondary) Enrolment	Enrolment as per cent of total population	Population of Ontario by Selected Age Groups		
				4-13	14-18	4-18
	'000's				'000's	
1970	7,637.0	2,022,401	26.5	1,575.2	708.4	2,283.6
1971	7,703.1	2,031,360	26.4	1,552.4	731.9	2,284.3
1972	7,833.9	2,208,114	25.9	1,528.2	744.9	2,273.1
1973	7,938.9	2,008,610	25.3	1,502.4	768.8	2,271.2
1974	8,093.0	1,994,489	24.6	1,484.2	783.9	2,268.1
1975	8,255.8	1,994,638	24.2	1,463.1	803.1	2,266.2
1976	8,264.5	1,973,140	23.9	1,428.8	816.0	2,244.8
1977	8,355.0	1,943,226	23.3	1,389.7	828.5	2,218.2
1978	8,444.3	1,902,005	22.5	1,349.0	835.6	2,184.6
1979	8,503.3	1,858,845	21.9	1,310.0	829.7	2,139.7

Table 6.38 (cont'd.)

Year	Elementary School Enrolment in Age Group 4-13	Secondary School Enrolment in Age Group 14-18	Elementary and Secondary School Enrolment Age Group 4-18	School Enrolment as per cent of Population in Appropriate Age Group		
				4-13	14-18	4-18
1970	1,408,364	505,726	2,001,670	89.4	71.4	87.7
1971	1,398,713	523,817	2,011,684	90.1	71.6	88.1
1972	1,385,057	532,527	2,003,969	90.6	71.5	88.2
1973	1,360,948	537,948	1,986,121	90.6	70.0	87.4
1974	1,340,219	542,314	1,971,418	90.3	69.2	86.9
1975	1,323,122	557,575	1,970,801	90.4	69.4	87.0
1976	1,294,738	566,352	1,949,419	90.6	69.4	86.8
1977	1,262,034	570,034	1,919,904	90.8	68.8	86.6
1978	1,220,870	567,818	1,876,951	90.5	67.9	85.9
1979	1,189,981	559,200	1,832,798	90.8	67.4	85.7

1) Statistics Canada estimates except those for 1971 and 1976 to 1978. Data for 1971 and 1976 are census figures, while 1977 and 1978 data are from projections by single years of age produced by Central Statistical Services, Ministry of Treasury and Economics, November 1978. It should be noted that 1977 population figures have been revised. Population is as of June 1st. 1979 figures are preliminary estimates from Statistics Canada, Demography Division, Population Estimate Section.

2) Enrolment on the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario*.

Reports of the Minister of Education.

Table 6.39
Public Education in Ontario, 1979

	Boards Operating Schools	Schools in Operation	Number of Full-Time Teachers	Enrolment		
				Male	Female	Total
Public	116 ¹	2,612	36,063	433,688	404,253	837,941
Roman Catholic Separate	58	1,333	17,486	214,086	206,734	420,820
Sub-Total (Elementary)	174 ¹	3,945	53,549	647,774	610,987	1,258,761
Secondary	79	633	34,513	309,087	290,997	600,084
Sub-Total (Elementary and Secondary)	175 ²	4,578	88,062	956,861	901,984	1,858,845 ⁷
Trainable Retarded	67 ³	187	909	4,131	3,131	7,262
Provincial Schools	—	29 ⁶	587	1,646	895	2,541
Schools or Special Education Programs in Treatment Centres	50 ⁴	138	481	1,752	795	2,547
Grand Total	185 ⁵	4,932	90,039	964,390	906,805	1,871,195

1) Two Protestant separate school boards are included in this total.

2) The total excludes the duplication of seventy-eight boards of education that operate both elementary and secondary schools, two of which are on Crown Land.

3) The Metropolitan Toronto School Board operates only schools for the trainable retarded. The remaining sixty-six boards of education also operate elementary and/or secondary schools.

4) Forty-one of these are school boards that also operate elementary and/or secondary schools.

5) The net total excludes the duplication of the boards that operate more than one type of school. On September 30, 1979, there was a total of 194 boards, but nine boards did not operate schools.

6) There are twenty-three such schools managed by the Ministry of Education. Six of these operate at both the elementary and secondary level. Five schools, three for the deaf and one for the blind and one demonstration school for learning disabilities are institutions operated by the Ministry of Education. Of the remaining schools, eighteen are in facilities operated by the Ministry of Community and Social Services; thirteen of which are developmental centre schools and five are juvenile training centres.

7) This total should be used when making comparisons with earlier years in which only elementary and secondary school enrolments were reported.

Source: Ministry of Education, *Education Statistics Ontario*.
Reports of the Minister of Education.

Table 6.40French as a Second Language, Canada¹ and Ontario 1970-71 to 1979-80

		Participation Rate		Participation Index	
		Canada ¹	Ontario	Canada ¹	Ontario
1970-71 = 100%					
1970-71	Elementary	28.4	37.5	100.0	100.0
	Secondary	55.8	48.9	100.0	100.0
1971-72	Elementary	30.8	41.2	108.6	110.0
	Secondary	53.2	44.5	95.2	90.9
1972-73	Elementary	33.3	43.9	117.3	117.1
	Secondary	47.0	39.4	84.3	80.6
1973-74	Elementary	34.8	44.7	122.6	119.3
	Secondary	43.7	36.4	78.2	74.4
1974-75	Elementary	36.8	46.0	126.0	120.4
	Secondary	41.6	33.9	75.0	71.3
1975-76	Elementary	38.4	48.9	135.0	131.0
	Secondary	41.5	35.5	74.0	73.0
1976-77	Elementary	39.1	49.9	138.0	133.0
	Secondary	40.9	35.8	73.0	73.0
1977-78	Elementary	41.7 ^r	53.3 ^r	147.0 ^r	142.0 ^r
	Secondary	40.2	36.2	72.0	74.0
1977-78	Elementary	43.9	55.5	155.0	148.0
	Secondary	41.4	37.0	74.0	76.0

¹⁾ Nine provinces, not including Québec where English is the second official language.

Source: SC, Education, Science and Culture Division.

Table 6.41
In-service Programs Completed by Teachers, Ontario, 1978-79¹.

	Min. of Education	Facilities ²		School Board
	Summer	Winter	Summer	Winter
Additional Basic Qualifications				
Primary Division	...	-	22	...
Junior Division	...	-	88	...
Intermediate Division	...	-	17	...
Senior Division	...	-	60	...
Technological Studies	...	-	177	...
Additional Qualifications				
One Session Programs				
Childhood Education	-	-	-	46
Community School Development	-	-	-	16
Driver Education Instructor	39	-	37	22
Integrated Art	-	-	-	44
Oral French	59	-	14	-
Teaching Children with Language Difficulties - Aphasia	15	-	-	-
Three Sessions Programs				
Business Education - Accounting	-	-	164	-
Business Education - Data Processing	-	-	69	-
Business Education - Marketing & Merchandising	-	-	157	-
Business Education - Secretarial	-	-	166	-
Dramatic Arts	-	8	92	-
English as a Second Language	-	6	160	-
Environmental Science	-	9	26	-
French as a Second Language	-	80	357	202
Guidance	-	27	497	44
Home Economics	-	-	19	-
Industrial Arts	-	-	192	-
Intermediate Education	-	-	-	17
Junior Education	-	9	47	-
Librarianship	214	-	305	290
Media	-	51	14	67
Multiculturalism in Education	-	4	11	14
Music - Instrumental	65	-	-	-
Music - Vocal (Primary, Junior)	115	9	-	177
Music - Vocal (Intermediate, Senior)	13	-	-	-
Physical & Health Education (Primary, Junior)	-	-	361	258
Physical & Health Education (Intermediate, Senior)	-	-	134	18
Primary Education	-	84	575	324
Reading	118	167	372	246
Religious Education	...	...	...	...
Special Education	55	1,850	2,257	661
Visual Arts	160	74	76	253
Honour Specialist	...	-	300	...
Honour Technological Studies Specialist	...	-	111	...
Program Development & Implementation	426	...	...	...
Program Supervision & Assessment	381	...	...	...
Total	1,660	2,378	6,877	2,699

1) September to August.

2) College, School of Education and Facilities.

Source: Ministry of Education, *Education Statistics, Ontario*.
Reports of the Minister of Education.

Crime and Justice

Highlights

- **Offences** — The number of adults charged in 1978 in Ontario was 301,504 representing an increase of 8.3 per cent over the 1977 mark. Males accounted for 265,285 or 88.0 per cent of the total.

The highest rate of actual offences per 100,000 total population as of June 1, 1978 in Ontario in 1978 was 2375.3 for "theft \$200 and under". Rates for some other offences were as follows: 414.7 for "frauds"; 244.7 for "Cannibis"; 134.5 for "stolen goods"; 76.0 for "offensive weapons"; 6.3 for "rape"; and 42.8 for "other sexual offences".

Data for 1978 show that in terms of rate of crime per 100,000 population for each police jurisdiction, Sarnia, Brantford and Thunder Bay had "all offences" rates in excess of 14,000.0. For some of the other larger centres in Ontario, Toronto had a rate of 9,445.2, Hamilton-Wentworth 13,343.8, Ottawa 11,696.9, London 11,735.6 and Windsor 11,626.2.

- **Proceeding Against Persons Charged** — Of the 54,035 charges for indictable offences in Ontario, 77.3 per cent resulted in conviction. In terms of offences punishable on summary conviction, the mark of 1.0 million reached in 1973 represented a 13.7 per cent decrease over the previous year.

- **Juveniles** — The number of juveniles charged in 1978 in Ontario was 20,845 representing an increase of 4.3 per cent from the 1977 mark. Males accounted for 17,571 or 84.3 per cent of the 1978 total.

From 1974 to 1978, the number of juvenile delinquencies dropped from 14,576 to 13,136, a decrease of 9.9 per cent. Of the total number of delinquencies in 1978, the most common type was "theft" with 3,445, followed by "breaking and entering a place" with 2,989 and "possess stolen goods" with 932.

Of the 10,272 found delinquent in 1978 suspensions accounted for 14.7 per cent, probation for 44.4 per cent, and fine or restitution 11.4 per cent.

- **Correctional Institutions** — In 1978, males accounted for 4,439 or 96.4 per cent of the total population of inmates in provincial adult institutions. In the provincial jails, the figures for total prisoners are, of course, much higher than the other adult institutions due to their differing functions. Total number of prisoners steadily declined between the years 1971-72 and 1975-76. The 1979-80 figure of 60,701 admissions, however, reflects a 1.8 per cent decrease from the 1978-79 mark. In 1979-80 the age group 19-24 years represented the highest number of admissions with 34.2 per cent of the total. Closely following was the next oldest age group (25-35) with 24.9 per cent of the total. (It should be noted though, that these age groups represent unequal number of years).

- **Motor Vehicle Accidents** — Motor vehicle accidents in Ontario from 1960 to 1978 rose from 87,186 to 186,363, an increase of 113.8 per cent. Over the 1-year period between 1977 and 1978, the number of persons killed increased 2.1 per cent and the number of persons injured decreased 0.7 per cent.

Definitions

An Indictable Offence — Is one regarded as an offence not only against a person but against the whole state. These offences are designated by statute, which also defines maximum punishment in each case; they demand a more formal hearing than ordinary offences.

Ordinary (Summary) Offences — Are those not expressly made indictable; they are, as a rule, minor. All provincial statutes and municipal by-laws are in this category (such as offences against traffic, liquor laws and breaches of the peace). Maximum sentence for a summary offence is \$500 fine and/or six months imprisonment.

Actual Offences — Actual offences are those reported or known to police which investigation proved to be founded.

Assault — A person commits an assault when, without the consent of another person or with consent, where it is obtained by fraud, (a) he applies force intentionally to the person of the other, directly or indirectly, or (b) he attempts or threatens, by an act or gesture, to apply force to the person of the other, if he has or causes the other to believe upon reasonable grounds that he has present ability to effect his purpose.

Attempted Murder — Everyone who, having an intent to commit an offence, does, or omits to do anything for the purpose of carrying out his intention, is guilty of an attempt to commit the offence whether or not it was possible under the circumstances to commit the offence.

Breaking and Entering — Everyone who (a) breaks and enters a place with intent to commit an indictable offence therein, (b) breaks and enters a place and commits an indictable offence therein, or (c) breaks out of a place after (i) committing an indictable offence therein, or (ii) entering the place with intent to commit an indictable offence therein, is guilty of an indictable offence.

Crime — Persons charged are reported as adult or juvenile and male or female. Total persons charged does not represent an unduplicated count of individuals charged during the year. The same person is counted on each occasion that he has been charged with having committed an offence.

The method for reporting offences against the person, i.e., murder, attempted murder, rape, other sexual offences, wounding, assaults, and other offences against the person, is that one offence is reported for each victim. When reporting offences against property, i.e., robbery, breaking and entering, theft and other offences against property, one offence is reported for each distinct or separate operation. A distinct operation means the same time location and circumstances.

Delinquency — A violation of a federal or provincial statute or a municipal by-law.

Manslaughter — Culpable homicide that is not murder or infanticide is manslaughter.

Rape — A male person commits rape when he has sexual intercourse with a female person who is not his wife, (a) without her consent, or (b) with her consent if the consent (i) is extorted by threats or fear of bodily harm, (ii) is obtained by impersonating her husband, or (iii) is obtained by false and fraudulent representations as to the nature and quality of the act.

Robbery — Force or threat of force is a necessary ingredient in robbery whereas stealing from the person may be, and usually is, done secretly. Robbery includes stealing with violence, with threats of violence, or stealing while armed.

Theft of Motor Vehicle — A motor vehicle is a vehicle which is propelled or driven otherwise than by muscular power but does not include a vehicle which operates on rails. Registration shall not be a criterion for determining whether a particular vehicle is a motor vehicle.

Uniform Crime Reporting — The Uniform Crime Reporting program surveys the police administration, crime and traffic enforcement aspects of municipal police forces in centres with a population of 750 and over, that employ full-time police personnel, federal, provincial, railway and National Harbours Board police forces.

Wounding — Everyone who with intent (a) to wound, maim or disfigure any person, (b) to endanger the life of any person, or (c) to prevent the arrest or detention of any person, discharges a firearm, air gun, or air pistol at or causes bodily harm in any way to any person, whether or not that person is the one mentioned in paragraph (a), (b) or (c), is guilty of an indictable offence.

The following definitions refer to Table 7.10:

Adjourned Indefinitely — Postponement of the hearing for an indefinite period after the child has been adjudged delinquent. These adjournments are different from those provided for in section 16 of the Juvenile Delinquents Act which take place without a finding of delinquency. It is often difficult to distinguish between these two types of adjournments on reports received. This should be kept in mind when interpreting the data.

Adjourned Sine Die — Under section 16 of the Juvenile Delinquents Act the court may postpone the hearing of a charge of delinquency for an indefinite period.

Adult Court — Under section 9 of the Juvenile Delinquents Act, the court can order that a child charged with an indictable offence be proceeded against in the criminal courts. Children dealt with in this manner must be over the age of 14 years.

Fine — Under the Juvenile Delinquents Act, the court can impose on a child who is found delinquent a fine of up to \$25.00.

Juvenile Institution — Committal of a juvenile who is found delinquent to a training school or similar institution which is approved by provincial statute or by the Lieutenant Governor in Council in any province. Children dealt with in this manner must be at least twelve years of age unless such committal is deemed to be necessary for the welfare of the community and the best interests of the child.

Other Adjudications — Other decisions not constituting a finding of delinquency, such as a dismissal, withdrawal, etc.

Probation/Supervision — Order of the court directing that a juvenile who is found delinquent report periodically to a probation officer or some other designated person. Certain conditions may be attached to this order (i.e., a curfew). The juvenile may be permitted to remain in his/her home or may be placed in a foster home.

Referral to Province — Committal of a juvenile who is found delinquent to the care of the province, i.e., to the children's aid society or to the administrator or minister responsible for delinquent children. Further action, i.e., committal to a foster home, may be taken by the province.

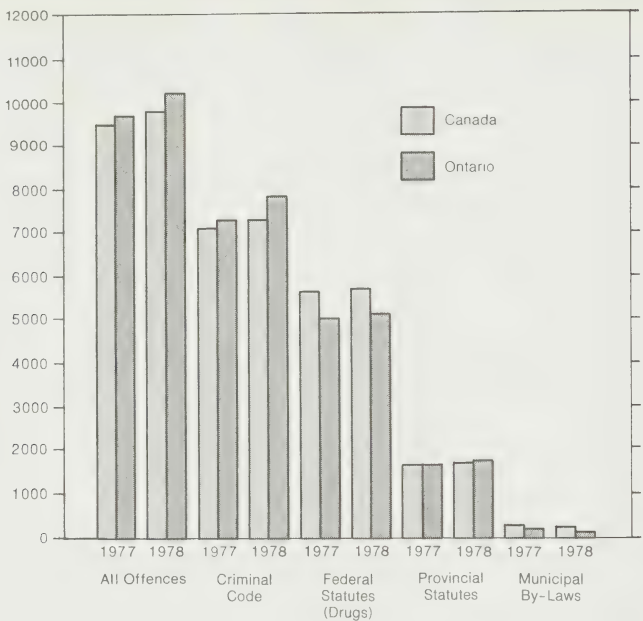
Reprimanded — Official rebuke by the judge of the juvenile court. Applies only to juveniles who are found delinquent.

Restitution — The court can order a child who is found delinquent to pay compensatory to an aggrieved person for loss of or damage to property arising out of the commission of an offence.

Suspended Disposition — Suspension, by the judge, of the determination of the action to be taken with respect to a juvenile adjudged to be a delinquent provided that certain conditions, usually determined by a probation order, are adhered to.

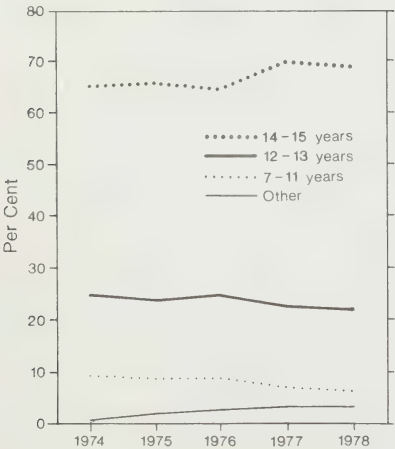
Total Delinquent — Number of accused adjudged by the court to have, contrary to the Juvenile Delinquents Act, violated a provision of the Criminal Code or of any federal or provincial statute or municipal by-law or to have been guilty of sexual immorality or a similar form of vice. This count includes those adults convicted of contributing to a child becoming a delinquent.

Graph 7.A
Rate of Offences Per 100,000 Population, Canada and Ontario, 1977 and 1978



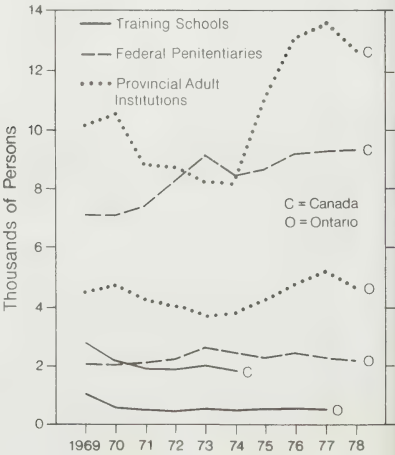
Refer to Table 7.2

Graph 7.B
Juvenile Delinquents by Age, Ontario, 1974-1978.



Refer to Table 7.11

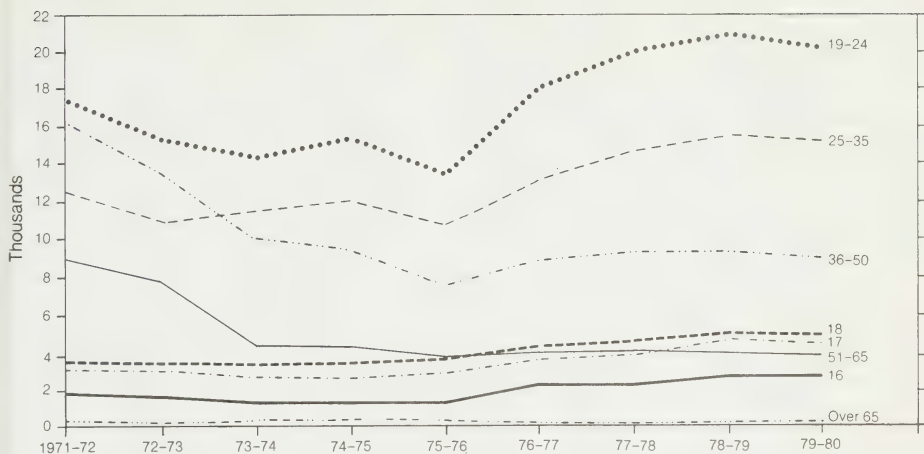
Graph 7.C
Persons in Correctional Institutions, Canada and Ontario, 1969-1978



Refer to Table 7.13

Graph 7.D

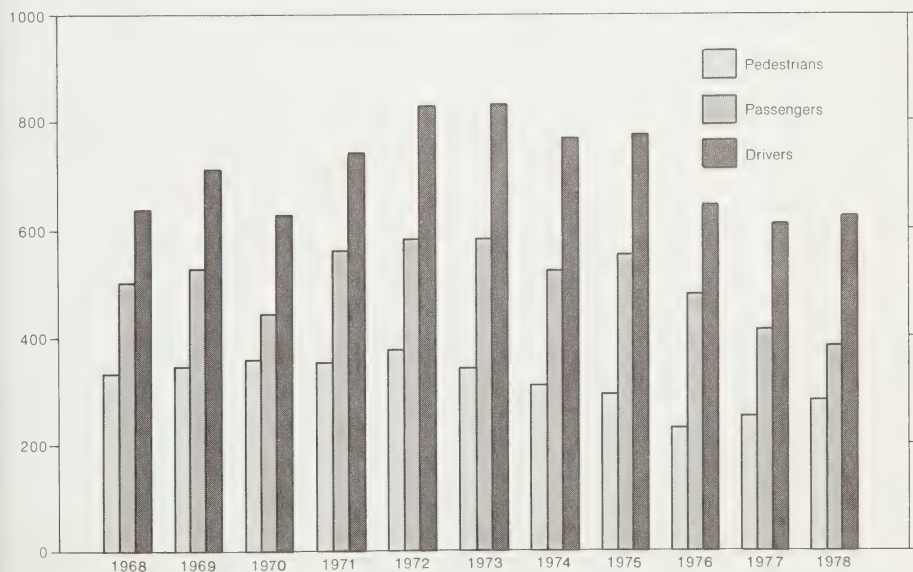
Admission to Provincial Jails by Age, Ontario, 1971-72 to 1979-80



Refer to Table 7 16

Graph 7.E

Persons Killed in Motor Vehicle Accidents, Ontario, 1968-1978



Source: Ministry of Transportation and Communications,
Motor Vehicle Collision Facts, and Motor Vehicle Accident Facts.

Table 7.1**Number of Adults Charged by Offence Group, Canada and Ontario, 1972 – 1978¹**

Year	Offence Group	Canada			Ontario		
		Total	Male	Female	Total	Male	Female
1972	Criminal Code	215,091	187,800	27,291	90,214	77,690	12,524
	Federal Statutes ²	42,387	38,465	3,922	18,043	16,281	1,762
	Provincial Statutes	216,874	203,450	13,424	107,769	100,432	7,337
	Municipal Statutes	39,861	35,333	4,528	5,284	4,589	695
	Total	514,213	465,048	49,165	221,310	198,992	22,318
1973	Criminal Code	239,104	206,388	32,716	99,248	84,594	14,654
	Federal Statutes ²	63,637	57,247	6,390	28,767	25,699	3,068
	Provincial Statutes	231,161	216,162	14,999	122,549	114,619	7,930
	Municipal Statutes	35,987	31,646	4,341	5,661	4,690	971
	Total	569,889	511,443	58,446	256,225	229,602	26,623
1974	Criminal Code	252,100	217,025	35,075	103,301	87,755	15,546
	Federal Statutes ²	68,330	61,993	6,337	28,284	25,496	2,788
	Provincial Statutes	256,365	240,509	15,856	136,146	127,295	8,851
	Municipal By-Laws	28,880	25,585	3,295	5,373	4,414	959
	Total	605,675	545,112	60,563	273,104	244,960	28,144
1975	Criminal Code	273,887	235,462	38,425	116,588	98,458	18,130
	Federal Statutes ²	63,909	58,067	5,842	26,214	23,546	2,674
	Provincial Statutes	267,340	249,803	17,537	133,020	123,948	9,072
	Municipal By-Laws	26,400	23,440	2,960	6,034	4,865	1,169
	Total	631,536	566,772	64,764	281,856	250,811	31,045
1976	Criminal Code	297,630	254,380	43,250	129,268	108,484	20,784
	Federal Statutes ²	75,925	68,563	7,362	29,566	26,341	3,225
	Provincial Statutes	247,870	231,870	16,000	101,745	95,070	6,675
	Municipal By-Laws	26,280	22,756	3,524	6,614	5,023	1,591
	Total	647,705	577,569	70,136	267,193	234,918	32,275
1977	Criminal Code	309,785	265,677	44,108	131,799	111,375	20,424
	Federal Statutes ²	83,997	76,146	7,851	32,017	28,825	3,192
	Provincial Statutes	265,990	247,778	18,212	108,416	100,916	7,500
	Municipal By-Laws	26,689	23,000	3,689	6,195	4,899	1,296
	Total	686,461	612,601	73,860	278,427	246,015	32,412
1978	Criminal Code	326,269	277,263	49,006	142,431	119,435	22,996
	Federal Statutes ²	80,630	72,513	8,117	30,725	27,592	3,133
	Provincial Statutes ¹	277,285	258,165	19,120	121,498	112,918	8,580
	Municipal By-Laws ¹	25,743	21,982	3,761	6,850	5,340	1,510
	Total	709,927	629,923	80,004	301,504	265,285	36,219

1) Traffic and related offences are not included.

2) Federal Statutes include drug offences under the Narcotic Control Act and Food and Drug Act.

Source: SC, *Crime and Traffic Enforcement Statistics (85-205)*

Table 7.2

Number of Actual Offences,¹ Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1971 - 1978²

Offence	1971		1972	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	1,648,817	629,000	1,650,231	634,009
Cleared by charge	575,749	246,310	582,504	251,697
Cleared otherwise	286,474	84,780	269,964	89,683
Percentage cleared	52.3	52.6	51.7	53.8
Offence rate per 100,000 population	8,678.6	9,180.6	7,562.8	8,103.5
Criminal Code ⁴				
Actual offences	1,166,457	454,044	1,218,622	471,266
Cleared by charge	254,273	98,060	282,977	116,490
Cleared otherwise	160,372	69,901	166,556	71,422
Percentage cleared	35.5	37.0	36.9	39.9
Offence rate per 100,000 population	6,139.7	6,627.0	..	..
Federal Statutes ³				
Actual offences	63,674	21,991	39,779	17,191
Cleared by charge	40,757	15,623	28,627	14,216
Cleared otherwise	9,942	2,642	6,999	2,050
Percentage cleared	79.6	83.1	89.6	94.6
Offence rate per 100,000 population	335.1	321.0	182.3	219.7
Provincial Statutes				
Actual offences	344,771	134,860	318,250	128,282
Cleared by charge	236,214	124,458	229,126	115,118
Cleared otherwise	97,370	6,598	76,216	9,478
Percentage cleared	96.8	97.2	95.9	97.1
Offence rate per 100,000 population	1,814.7	1,968.3	1,458.5	1,639.6
Municipal By - Laws				
Actual offences	73,915	18,105	73,580	17,270
Cleared by charge	44,505	8,169	41,774	5,873
Cleared otherwise	18,790	5,639	20,193	6,733
Percentage cleared	85.6	76.3	84.2	73.0
Offence rate per 100,000 population	389.1	264.3	337.2	220.7

Table 7.2 (cont'd)

Number of Actual Offences,¹ Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1971 - 1978²

Offence	1973		1974	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	1,809,135	690,042	2,009,886	758,135
Cleared by charge	641,911	286,164	680,916	300,150
Cleared otherwise	303,510	108,018	332,770	112,223
Percentage cleared	52.3	57.1	50.5	54.4
Offence rate per 100,000 population	8,188.1	8,691.9	8,954.2	9,366.7
Criminal Code ⁴				
Actual offences	1,351,323	503,135	1,456,885	539,849
Cleared by charge	331,390	138,751	307,450	124,852
Cleared otherwise	186,166	78,799	198,191	84,849
Percentage cleared	38.3	43.2	34.7	38.8
Offence rate per 100,000 population	..	..	6,490.5	6,669.8
Federal Statutes ^{3, 5}				
Actual offences	42,786	15,599	102,979	37,857
Cleared by charge	29,474	12,557	77,158	31,300
Cleared otherwise	7,255	1,570	15,254	4,371
Percentage cleared	85.8	90.1	89.9	94.7
Offence rate per 100,000 population	193.6	196.5	458.8	467.7
Provincial Statutes				
Actual offences	339,119	148,661	368,716	159,730
Cleared by charge	243,652	128,575	265,468	136,189
Cleared otherwise	85,566	16,540	90,187	16,992
Percentage cleared	97.1	97.6	96.5	97.1
Offence rate per 100,000 population	1,534.8	1,872.6	1,642.7	1,973.5
Municipal By-Laws				
Actual offences	75,907	22,647	81,306	20,699
Cleared by charge	37,395	6,281	30,840	5,809
Cleared otherwise	24,523	11,108	29,138	6,011
Percentage cleared	81.6	76.8	73.7	57.1
Offence rate per 100,000 population	343.6	285.3	362.2	255.7

Table 7.2 (cont'd)

Number of Actual Offences,¹ Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1971 - 1978²

Offence	1975		1976	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,132,507	805,694	2,182,777	803,461
Cleared by charge	701,145	307,293	718,812	289,507
Cleared otherwise	338,812	121,481	359,806	129,446
Percentage cleared	48.8	53.2 ¹	49.4	52.1
Offence rate per 100,000 population	9,353.1	9,794.5	9,445.2	9,644.2
Criminal Code				
Actual offences	1,585,805	589,624	1,637,704	613,002
Cleared by charge	329,260	137,855	354,984	147,412
Cleared otherwise	209,379	89,633	220,389	97,004
Percentage cleared	34.0	38.6	35.2	39.8
Offence rate per 100,000 population	6,955.3	7,167.8	7,086.6	7,358.1
Federal Statutes ^{3, 5}				
Actual offences	100,514	37,261	113,413	39,057
Cleared by charge	72,675	29,684	85,774	30,612
Cleared otherwise	14,908	4,563	15,807	4,639
Percentage cleared	87.1	90.4	89.6	90.3
Offence rate per 100,000 population	440.8	452.2	490.7	468.8
Provincial Statutes				
Actual offences	381,388	157,896	367,482	128,794
Cleared by charge	271,346	133,981	250,847	104,496
Cleared otherwise	94,897	19,348	103,194	18,895
Percentage cleared	96.0	97.2	96.4	95.8
Offence rate per 100,000 population	1,672.5	1,919.5	1,590.1	1,546.0
Municipal By-Laws				
Actual offences	64,860	20,973	64,178	22,608
Cleared by charge	27,864	6,373	27,207	6,987
Cleared otherwise	19,628	7,937	20,416	8,908
Percentage cleared	73.3	68.2	74.2	70.3
Offence rate per 100,000 population	284.2	255.0	277.7	271.4

Table 7.2 (cont'd)

Number of Actual Offences,¹ Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1971 – 1978²

Offence	1977		1978	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,226,601	810,284	2,305,965	866,507
Cleared by charge	764,593	302,546	804,199	330,858
Cleared otherwise	352,221	122,236	360,819	125,744
Percentage cleared	50.1	52.3	50.4	52.6
Offence rate per 100,000 population	9,559.8	9,676.7	9,820.5	10,262.0
Criminal Code				
Actual offences	1,654,020	614,668	1,714,297	660,660
Cleared by charge	364,991	149,111	384,666	164,388
Cleared otherwise	219,018	92,338	224,637	96,777
Percentage cleared	35.2	39.2	35.5	39.5
Offence rate per 100,000 population	7,101.5	7,340.6	7,300.7	7,824.2
Federal Statutes ³				
Actual offences	131,720	42,292	134,031	43,637
Cleared by charge	100,085	33,756	103,185	33,896
Cleared otherwise	19,836	5,146	21,105	5,585
Percentage cleared	91.0	92.0	92.7	90.5
Offence rate per 100,000 population	565.6 ⁴	505.1 ⁴	571.0	516.9
Provincial Statutes				
Actual offences	379,588	135,785	398,324	147,080
Cleared by charge	272,047	113,297	289,635	125,246
Cleared otherwise	96,182	18,887	95,372	18,234
Percentage cleared	96.9	97.3	96.6	97.4
Offence rate per 100,000 population	1,629.7	1,621.6	1,696.3	1,741.8
Municipal By-Laws				
Actual offences	61,273	17,539	59,313	15,130
Cleared by charge	27,470	6,382	26,713	7,328
Cleared otherwise	17,185	5,865	19,700	5,148
Percentage cleared	72.8	69.7	78.3	82.5
Offence rate per 100,000 population	263.0	209.4	252.5	179.1

1) Traffic and related offences not included.

2) From 1972, rates for any year were calculated on total population as of June 1 of that year.

3) Federal Statutes include drugs.

4) Criminal Code values for Canada and Ontario, 1972 and 1973 were calculated from the values given for "All Offences", "Federal Statutes", "Provincial Statutes" and "Municipal By-Laws".

5) Federal Statute values for Canada and Ontario, 1974 and 1975, were calculated from the values given for "Federal Statutes—Drugs" and "Other Federal Statutes".

Source: SC, *Crime and Traffic Enforcement Statistics*, (85-205)

Table 7.3

Rate of Actual Offences¹ per 100,000 Population (For the Uniform Crime Reporting Offence Classification), by Province, Canada, 1978

Offence	Canada	Ontario	Newfound- land	Nova Scotia	New Brunswick	Prince Edward Island	Québec
Murder ²	2.4	1.8	0.9	1.1	3.1	2.4	2.5
Attempted Murder	3.8	2.3	0.0	1.3	2.0	0.0	3.6
Manslaughter	0.2	0.1	0.1	0.3	0.5	0.8	0.2
Rape	8.5	6.3	7.3	7.2	4.0	4.9	6.9
Other Sexual Offences	40.8	42.8	31.8	30.8	23.4	13.1	34.3
Wounding (not indecent)	9.2	9.7	0.8	6.3	2.4	1.6	6.3
Assaults (not indecent)	443.5	502.1	407.1	432.7	377.7	314.7	193.9
Robbery	83.7	55.5	9.3	43.2	20.1	6.5	152.9
Breaking and Entering	1,185.9	1,091.7	651.4	878.2	735.2	569.6	1,216.6
Theft Motor Vehicle	354.0	324.8	125.1	218.2	274.1	172.9	347.9
Theft Over \$200	553.7	571.5	247.6	323.7	285.8	237.7	523.7
Theft \$200 and Under	2,118.0	2,375.3	1,382.8	1,594.0	1,232.8	1,316.3	1,332.4
Have Stolen Goods	83.9	134.5	27.5	30.5	38.9	15.5	20.0
Frauds	377.1	414.7	242.0	241.0	145.3	200.8	207.2
Prostitution	7.6	15.8	0.3	1.4	0.2	0.0	2.7
Gaming and Betting	11.8	26.1	1.5	0.4	8.0	0.0	6.2
Offensive Weapons	68.6	76.0	39.0	59.3	78.9	45.9	23.0
Other Criminal Code	1,947.8	2,172.2	1,593.9	2,066.6	1,705.6	1,890.9	1,012.2
Other Federal Statutes	312.0	236.6	228.3	184.6	175.3	158.1	412.1
Addictive Opiate Like Drugs	19.0	19.4	8.0	8.9	19.2	4.0	12.5
Cannabis (Marihuana)	227.3	244.7	156.6	365.0	193.2	161.4	87.5
Controlled Drugs	4.3	8.4	1.0	1.7	0.4	0.0	1.7
Restricted Drugs	7.8	7.4	0.8	3.0	1.7	0.4	3.5
Provincial Statutes	1696.3	1741.8	1153.1	3,624.7	1,675.8	4,138.5	138.8
Municipal By- Laws	252.5	179.1	83.8	82.1	212.2	45.9	337.1
All Offences	9820.5	10,262.0	6,402.1	10,207.4	7,217.1	9,309.8	6,087.2

Table 7.3 (cont'd)

Rate of Actual Offences¹ per 100,000 Population (For the Uniform Crime Reporting Offences Classification), by Province, Canada, 1978

Offence	Manitoba	Sask- chewan	Alberta	British Columbia	Northwest Territories	Yukon
Murder ²	3.6	2.5	3.6	3.1	6.8	9.2
Attempted Murder	6.1	3.3	4.5	3.6	6.8	9.2
Manslaughter	0.0	0.4	0.5	0.1	2.2	0.0
Rape	10.7	9.6	14.0	15.8	52.8	18.4
Other Sexual Offences	39.5	24.1	52.2	58.3	101.2	78.3
Wounding	17.4	9.6	11.9	13.3	50.5	27.6
Assaults (not indecent)	425.0	505.5	621.8	682.2	3,457.5	2,359.4
Robbery	64.8	37.5	69.6	94.3	45.9	82.9
Breaking and Entering	1,137.0	1,135.7	1,258.1	1,750.6	2,413.7	2,516.1
Theft Motor Vehicle	387.6	384.7	489.3	454.1	689.6	889.4
Theft Over \$200	561.7	470.3	678.1	725.3	756.3	1,271.8
Theft \$200 and Under	2,549.3	2,120.2	2,430.7	3,357.8	4,057.4	4,755.7
Have Stolen Goods	64.0	75.8	120.7	100.7	137.9	207.3
Frauds	455.4	548.5	509.3	611.2	668.9	1,235.0
Prostitution	2.0	0.9	6.4	4.9	0.0	0.0
Gaming and Betting	1.1	0.8	3.6	0.8	2.2	0.0
Offensive Weapons	97.9	163.9	95.2	88.5	397.7	354.8
Other Criminal Code	2,176.4	2,019.9	2,104.0	3,277.4	6,843.6	5,479.2
Other Federal Statutes	294.2	268.2	529.7	267.5	554.0	1,000.0
Addictive Opiate Like Drugs	6.7	4.9	19.6	50.6	8.9	64.4
Cannabis (Marihuana)	207.5	266.4	435.3	317.0	622.9	1,198.1
Controlled Drugs	2.1	0.8	3.2	2.8	4.5	4.6
Restricted Drugs	8.7	6.2	18.2	16.2	6.8	27.6
Provincial Statutes	1,675.8	5,795.4	4,056.9	926.0	26,521.8	11,470.0
Municipal By- Laws	143.4	105.3	246.5	501.1	719.5	50.6
All Offences	10,339.2	13,962.2	13,784.2	13,324.4	48,131.0	33,110.5

1) Traffic and related offences not included.

2) Includes first and second degree murder.

Source: SC, *Crime and Traffic Enforcement Statistics*, (85-205)

Table 7.4

Summary and Rate of Crime per 100,000 Population, by Selected Police Jurisdiction, Ontario 1978

	Rate		Criminal Code					Number			
	All Offences	Total	Crimes of Violence	Property Crimes	Other	Federal Statutes Drugs	Other Federal Statutes	Provincial Statutes	Municipal By-Laws		
Sarnia	17,061.8	13,450.9	1,018.1	7,181.8	3,250.9	90	2	995	899		
Brantford	14,707.0	12,843.0	1,246.6	7,724.9	3,871.4	84	12	356	795		
Thunder Bay	14,912.0	11,078.8	932.1	6,757.1	3,389.5	169	5	2,629	1,379		
Hamilton-Wentworth	13,343.8	11,653.7	1,133.9	7,043.9	3,475.8	1,414	32	4,768	132		
Kingston	11,990.1	10,157.6	257.7	7,901.4	1,998.3	24	4	985	103		
London	11,735.6	9,478.9	792.7	5,947.7	2,738.4	237	124	5,067	146		
Peterborough	11,845.3	10,695.7	492.4	7,094.1	3,109.2	50	8	576	50		
Windsor	11,626.2	10,591.5	1,099.4	6,020.3	3,471.6	165	81	1,043	740		
North Bay	10,738.1	8,114.1	368.1	6,005.9	1,740.1	95	30	1,177	31		
Niagara Regional Police Force	11,002.2	10,096.6	630.1	6,377.9	3,088.5	240	33	2,825	163		
Durham Regional Police Force	8,966.1	7,101.4	575.9	4,050.1	2,475.3	839	363	3,536	60		
Ottawa	11,696.9	10,190.1	642.2	7,492.5	2,055.4	405	64	2,848	1,223		
Waterloo Regional Police Force	7,809.2	6,751.5	506.2	5,396.9	848.3	574	27	2,228	198		
Toronto	9,445.2	7,549.7	617.2	4,750.4	2,182.1	6,493	501	33,031	1,461		
Peel Regional Police Force	9,410.8	8,208.4	767.4	4,985.8	2,455.0	1,151	54	3,019	125		
Guelph	8,723.7	7,056.1	329.5	4,594.6	2,131.8	149	6	821	213		
Halton Regional Police Force	8,872.7	7,405.7	440.6	4,761.1	2,203.9	436	36	2,363	611		
Nepean (Twp.)	7,578.0	6,489.0	231.7	4,690.2	1,567.0	0	6	244	643		
Sault Ste. Marie	8,617.2	7,658.3	783.0	4,842.8	2,032.4	101	10	331	327		
York Regional Police Force	6,276.4	5,178.0	310.0	3,508.4	1,359.5	257	68	1,874	22		
Sudbury Regional Police Force	7,749.5	6,543.9	381.9	4,722.1	1,439.8	94	15	1,736	8		

Source: SC, Crime and Traffic Enforcement Statistics, 1978, (85-205).

Table 7.5
Result of Charges by Nature of Indictable Offence, Canada¹ and Ontario, 1973

Indictable Offence	Charges	Convictions	Aquittals	Detention for Insanity	Disagree-ment of Jury	Stay of Proceedings	No Bill	Conditional Discharge	Absolute Discharge
Canada	95,045	72,430	9,946	93	21	4,357	128	5,654	2,416
Against the Person	7,035	4,691	1,361	45	7	555	35	261	80
Against Property With Violence	15,602	13,083	1,533	11	5	661	20	240	49
Against Property Without Violence	52,757	40,047	4,711	15	4	1,780	51	4,181	1,968
Malicious Offences Against Property	2,049	1,605	185	9	-	90	-	134	26
Forgery and Offences Relating to Currency	5,108	4,153	400	-	-	327	8	194	26
Other	7,361	5,365	1,154	13	4	394	14	306	111
Criminal Code, Total of Above	89,912	68,944	9,344	93	20	3,807	128	5,316	2,260
Federal Statutes	5,133	3,486	602	-	1	550	-	338	156
Ontario	54,035	41,784	7,349	49	8	198	128	3,124	1,395
Against the Person	3,612	2,413	954	31	2	25	35	119	33
Against Property With Violence	9,364	7,967	1,191	4	1	22	20	136	23
Against Property Without Violence	30,936	23,724	3,450	6	3	44	51	2,457	1,201
Malicious Offences Against Property	881	713	113	1	-	6	-	36	12
Forgery and Offences Relating to Currency	2,566	2,170	340	-	-	3	8	37	8
Other	4,610	3,378	908	7	1	24	14	210	68
Criminal Code, Total of Above	51,969	40,365	6,956	49	7	124	128	2,995	1,345
Federal Statutes	2,066	1,419	393	-	1	74	-	129	50

¹⁾ Excludes Québec and Alberta.

Source: SC, *Statistics of Criminal and Other Offences*.

Table 7.6

Convictions of Offences Punishable on Summary Conviction by Offence Group, Canada and Ontario, 1968–1973

		Canada			Ontario		
	Offence Group	Total	Male	Female	Total	Male	Female
1968	Criminal Code	89,014	84,916	4,098	40,538	38,665	1,873
	Federal Statutes	25,741	24,413	1,328	11,122	10,540	582
	Provincial Statutes	1,529,313	1,420,952	108,361	1,023,047	947,845	75,202
	Municipal Statutes	157,875	143,177	14,698	88,243	79,269	8,974
	Total	1,801,943	1,673,458	128,485	1,162,950	1,076,319	86,631
1969	Criminal Code	77,860	74,609	3,251	38,829	37,250	1,579
	Federal Statutes	25,777	24,319	1,458	15,476	14,442	1,034
	Provincial Statutes	1,473,852	1,356,083	117,769	1,065,797	978,495	87,302
	Municipal Statutes	133,547	120,252	13,295	74,676	66,862	7,814
	Total	1,711,036	1,575,263	135,773	1,194,778	1,097,049	97,729
1970	Criminal Code	89,522	85,781	3,741	44,273	42,535	1,738
	Federal Statutes	25,995	24,608	1,387	15,320	14,359	961
	Provincial Statutes	1,215,521	1,114,898	100,623	947,200	865,102	82,098
	Municipal Statutes	120,905	107,983	12,922	73,418	65,783	7,635
	Total	1,451,943	1,333,270	118,673	1,080,211	987,779	92,432
1971	Criminal Code	104,458	100,787	3,671	50,953	49,195	1,758
	Federal Statutes	30,712	28,936	1,776	21,075	19,702	1,373
	Provincial Statutes	1,186,021	1,087,287	98,734	937,747	853,323	84,424
	Municipal Statutes	117,947	106,383	11,564	78,890	70,746	8,144
	Total	1,439,138	1,323,393	115,745	1,088,665	992,966	95,699
1972	Criminal Code	104,825	100,382	4,443	56,383	54,475	1,908
	Federal Statutes	28,849	27,054	1,795	19,263	17,973	1,290
	Provincial Statutes	1,281,538	1,164,307	117,231	1,061,849	963,270	98,579
	Municipal Statutes	102,206	90,816	11,390	56,605	50,539	6,066
	Total	1,517,418	1,382,559	134,859	1,194,100	1,086,257	107,843
1973	Criminal Code	107,688	102,283	5,405	54,591	52,655	1,936
	Federal Statutes	38,228	35,161	3,067	22,763	21,297	1,466
	Provincial Statutes	1,151,535	1,045,554	105,981	911,905	828,956	82,949
	Municipal Statutes	86,566	77,757	8,809	41,227	36,705	4,522
	Total	1,384,017	1,260,755	123,262	1,030,486	939,613	90,873

Source: SC, Judicial Division.

Table 7.7

Results of Proceedings Against Persons Charged by Type of Trial, Canada and Ontario, 1968-1973

Type of Trial	Convictions	Acquittals	Detention For Insanity	Disagreement Of Jury	Stay of Proceedings	No Bill
1968						
Judge and Jury						
Canada	707	276	13	8	16	63
Ontario	369	168	6	5	3	63
Judge without Jury						
Canada	1,742	566	2	-	54	-
Ontario	844	261	2	-	3	-
Magistrate, Jurisdiction with Consent						
Canada	19,392	2,094	23	-	379	-
Ontario	9,195	1,190	8	-	3	-
Magistrate, Absolute Jurisdiction						
Canada	16,768	1,692	3	-	241	-
Ontario	7,098	987	1	-	-	-
Total						
Canada ¹	38,609	4,628	41	8	690	63
Ontario	17,506	2,606	17	5	9	63
1969						
Judge and Jury						
Canada	783	306	22	9	32	41
Ontario	435	207	15	4	10	40
Judge without Jury						
Canada	1,822	540	2	-	36	-
Ontario	1,143	332	1	-	3	-
Magistrate, Jurisdiction with consent						
Canada	19,590	1,960	6	-	427	-
Ontario	10,759	1,324	2	-	3	-
Magistrate, Absolute Jurisdiction						
Canada	15,822	1,638	1	-	155	-
Ontario	8,184	1,131	1	-	-	-
Total						
Canada ²	38,017	4,444	31	9	650	41
Ontario	20,521	2,994	19	4	16	40

Table 7.7 (cont'd)

Results of Proceedings Against Persons Charged by Type of Trial, Canada and Ontario, 1968-1973

Type of Trial	Convictions	Acquittals	Detention For Insanity	Disagreement Of Jury	Stay of Proceedings	No Bill
1970						
Judge and Jury						
Canada	715	316	35	14	34	57
Ontario	480	200	26	8	6	53
Judge without Jury						
Canada	1,248	417	5	-	32	-
Ontario	748	256	3	-	2	-
Magistrate, Jurisdiction with consent						
Canada	23,584	2,256	7	-	559	-
Ontario	12,217	1,425	-	-	2	-
Magistrate, Absolute Jurisdiction						
Canada	20,333	1,946	7	-	301	-
Ontario	10,289	1,329	2	-	1	-
Total						
Canada ²	45,880	4,935	54	14	926	57
Ontario	23,734	3,210	31	8	11	53
1971						
Judge and Jury						
Canada	728	307	23	5	34	29
Ontario	427	209	14	2	6	28
Judge without Jury						
Canada	1,546	386	4	1	47	-
Ontario	800	225	4	1	-	-
Magistrate, Jurisdiction with consent						
Canada	23,813	2,221	18	2	732	-
Ontario	12,844	1,529	7	2	14	-
Magistrate, Absolute Jurisdiction						
Canada	21,787	2,099	3	-	313	-
Ontario	11,817	1,446	-	-	7	-
Total						
Canada ²	47,874	5,013	48	8	1,126	29
Ontario	25,888	3,409	25	5	27	28

Table 7.7 (cont'd)

Results of Proceedings Against Persons Charged by Type of Trial, Canada and Ontario, 1968-1973

Type of Trial	Convictions	Acquittals	Detention for Insanity	Disagree- ment of Jury	Stay of Proceed- ings	No Bill	Conditional Discharge	Absolute Discharge
1972								
Judge and Jury								
Canada	820	338	21	4	57	33	4	2
Ontario	477	219	12	4	6	32	4	-
Judge without Jury								
Canada	1,678	503	4	-	80	1	38	12
Ontario	872	296	2	-	1	1	33	7
Magistrate, Jurisdiction with consent								
Canada	22,385	2,246	12	1	1,040	6	641	623
Ontario	11,824	1,500	2	1	24	5	464	546
Magistrate, Absolute Jurisdiction								
Canada	20,731	2,294	1	-	465	-	964	537
Ontario	10,812	1,582	-	-	2	-	598	308
Total								
Canada ²	45,614	5,381	38	5	1,642	40	1,647	1,174
Ontario	23,985	3,597	16	5	33	38	1,099	861
1973								
Judge and Jury								
Canada	765	295	19	11	47	59	8	7
Ontario	492	202	14	5	12	59	6	-
Judge without Jury								
Canada	2,101	577	4	-	78	-	97	32
Ontario	1,448	424	3	-	18	-	60	16
Magistrate, Jurisdiction with consent								
Canada	20,251	1,865	18	1	1,183	-	1,569	585
Ontario	11,336	1,151	6	1	41	-	749	279
Magistrate, Absolute Jurisdiction								
Canada	17,644	1,934	8	1	527	-	2,784	1,494
Ontario	10,132	1,306	1	1	10	-	1,751	947
Total								
Canada ²	40,761	4,671	49	13	1,835	59	4,458	2,118
Ontario	23,408	3,083	24	7	81	59	2,566	1,242

1) Excludes Québec.

2) Total for Canada excludes Québec and Alberta.

Source: SC, *Statistics of Criminal and Other Offences*.

Table 7.8
Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

1971	Indictable Offence	Persons charged	Persons convicted	Sentence					
				Suspended sentence without probation	Suspended sentence with probation	Fine	Gaol ² (months)		
							Under 1	From 1 to 6	From 6 to 24
	Canada	54,098	47,874	3,370	11,779	15,634	4,202	6,490	2,961
	Against the person	7,213	5,773	339	944	2,456	491	821	271
	Against property with violence	8,399	7,684	402	2,791	136	485	1,410	1,033
	Against property without violence	29,432	26,701	2,241	6,426	10,911	2,486	2,809	955
	Malicious offences against property	1,574	1,380	123	407	406	181	160	48
	Forgery and offences relating to currency	1,328	1,230	88	397	56	138	236	167
	Other	3,784	3,185	163	534	1,154	328	572	174
	Criminal Code, Total of above	51,730	45,953	3,356	11,499	15,119	4,109	6,008	2,648
	Federal Statutes	2,368	1,921	14	280	515	93	482	313
	Ontario	29,382	25,888	1,747	6,504	9,065	2,274	2,687	1,297
	Against the person	3,836	2,961	142	477	1,324	313	322	116
	Against property with violence	4,493	4,106	179	1,667	63	229	530	455
	Against property without violence	16,533	14,966	1,249	3,571	6,473	1,332	1,191	480
	Malicious offences against property	764	655	49	173	227	87	67	24
	Forgery and offences relating to currency	645	599	34	225	33	87	75	56
	Other	2,073	1,727	84	279	676	188	261	74
	Criminal Code, Total of above	28,344	25,014	1,737	6,392	8,796	2,236	2,446	1,204
	Federal Statutes	1,038	874	10	112	269	38	241	93

Table 7.8 (cont'd)
 Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

1971 (cont'd)	Sentence					Total Sentenced to Reformatory ²
	Under 5	From 5 to 13	14 and Over	Life	Preventive Detention	
Indictable Offence						
Canada	1,564	376	22	28	2	1,444
Against the person	196	95	10	28	1	121
Against property with violence	642	185	10	-	-	589
Against property without violence	335	24	-	-	-	514
Malicious offences against property	22	4	-	-	-	29
Forgery and offences relating to currency	82	10	-	-	-	56
Other	178	19	-	-	1	62
Criminal Code, Total of above	1,455	337	20	28	2	1,371
Federal Statutes	109	39	2	-	-	73
Ontario	671	190	13	8	1	1,430
Against the person	79	52	7	8	1	120
Against property with violence	297	94	5	-	-	588
Against property without violence	149	13	-	-	-	508
Malicious offences against property	1	-	-	-	-	26
Forgery and offences relating to currency	29	6	-	-	-	54
Other	86	18	-	-	-	61
Criminal Code, Total of above	641	183	12	8	1	1,357
Federal Statutes	..	7	1	-	-	73

Table 7.8 (cont'd)

Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

1972	Indictable Offence	Persons charged	Persons convicted	Suspended sentence without probation	Suspended sentence with probation	Sentence			
						Fine	Under 1	Gaol ² (months)	
								From 1 to 6	From 6 to 24
Canada		55,541	45,614	3,449	11,147	15,162	3,860	6,157	2,999
Against the person		6,526	5,009	336	929	1,870	454	674	282
Against property with violence		7,740	6,827	383	2,486	98	420	1,219	1,058
Against property without violence		29,483	24,619	2,245	5,865	10,072	2,205	2,693	889
Malicious offences against property		1,711	1,412	159	438	412	149	159	47
Forgery and offences relating to currency		1,273	1,139	92	389	53	126	225	153
Other		4,356	3,574	191	620	1,266	378	700	286
Criminal Code, Total of above		51,089	42,580	3,406	10,727	13,771	3,732	5,670	2,715
Federal Statutes		4,452	3,034	43	420	1,391	128	487	284
Ontario		29,634	23,985	1,428	6,104	8,573	1,997	1,924	2,175
Against the person		3,463	2,586	140	482	983	305	220	196
Against property with violence		3,997	3,524	126	1,482	42	179	307	674
Against property without violence		16,005	13,219	975	3,200	5,781	1,100	886	794
Malicious offences against property		791	644	57	195	200	70	55	35
Forgery and offences relating to currency		636	571	38	217	37	75	62	89
Other		2,170	1,825	76	334	667	215	231	217
Criminal Code, Total of above		27,062	22,369	1,412	5,910	7,710	1,944	1,761	2,005
Federal Statutes		2,572	1,616	16	194	863	53	163	170

Table 7.8 (cont'd)
Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

	Sentence							Total Sentenced to Reformatory ³
	Penitentiary (years)							
	Under 5	From 5 to 14	Over 14	Life	Preventive Detention	Death	Training School	
1972 (cont'd)								
Indictable Offence								
Canada	1,307	398	21	68	4	1	7	1,034
Against the person	177	118	7	62	1	1	2	96
Against property with violence	571	174	9	1	1	-	-	407
Against property without violence	279	26	-	-	-	-	5	340
Malicious offences against property	19	4	-	-	-	-	-	25
Forgery and offences relating to currency	62	5	-	-	-	-	-	34
Other	78	9	1	-	2	-	-	43
Criminal Code, Total of above	1,186	336	17	63	4	1	7	945
Federal Statutes	121	62	4	5	-	-	-	89
Ontario	534	180	2	29	1	-	7	942
Against the person	74	61	1	26	-	-	2	96
Against property with violence	233	72	1	1	-	-	-	407
Against property without violence	128	11	-	-	-	-	5	339
Malicious offences against property	7	2	-	-	-	-	-	23
Forgery and offences relating to currency	16	3	-	-	-	-	-	34
Other	34	7	-	-	1	-	-	43
Criminal Code, Total of above	492	156	2	27	1	-	7	942
Federal Statutes	42	24	-	2	-	-	-	-

Table 7.8 (cont'd)
Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹
and Ontario, 1971 - 1973

1973	Indictable Offence	Persons charged	Persons convicted	Sentence				From 6 to 24
				Suspended sentence without probation	Suspended sentence with probation	Fine	Under 1	Gaol ² (months)
								From 1 to 6
	Canada	53,964	40,761	2,355	9,599	13,983	2,919	6,172
	Against the person	5,097	3,585	178	662	1,155	289	628
	Against property with violence	7,556	6,498	314	2,251	141	391	1,201
	Against property without violence	30,884	22,756	1,506	5,208	9,961	1,701	2,851
	Malicious offences against property	1,236	915	73	280	282	55	144
	Forgery and offences relating to currency	1,142	991	90	343	49	85	201
	Other	4,446	3,476	150	600	1,347	283	693
	Criminal Code, Total of above	50,361	38,221	2,311	9,364	12,935	2,804	5,718
	Federal Statutes	3,603	2,540	44	235	1,048	115	454
	Ontario	30,470	23,408	1,094	5,855	8,559	1,707	2,888
	Against the person	2,636	1,859	62	362	584	206	309
	Against property with violence	4,256	3,752	135	1,459	52	197	565
	Against property without violence	18,283	13,564	755	3,197	6,319	989	1,356
	Malicious offences against property	542	433	34	123	141	30	56
	Forgery and offences relating to currency	662	586	38	228	35	48	107
	Other	2,637	2,124	63	373	972	193	307
	Criminal Code, Total of above	29,016	22,318	1,087	5,742	8,103	1,663	2,700
	Federal Statutes	1,454	1,090	7	113	456	44	188
								139

Table 7.8 (cont'd)
 Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹
 and Ontario, 1971-1973

1973 (cont'd)	Sentence							Total Sen- tenced to Reforma- tory ³
	Penitentiary (years)							
Indictable Offence	Under 5	From 5 to 14	Over 14	Life	Preventive Detention	Death	Training School	
Canada	1,274	371	30	40	3	1	3	1,008
Against the person	161	109	8	40	-	1	2	66
Against property with violence	559	146	7	-	-	-	1	416
Against property without violence	213	15	-	-	-	-	-	350
Malicious offences against property	22	4	-	-	-	-	-	22
Forgery and offences relating to currency	69	3	-	-	-	-	-	30
Other	89	12	2	-	3	-	-	46
Criminal Code, Total of above	1,113	289	17	40	3	1	3	930
Federal Statutes	161	82	13	-	-	-	-	78
Ontario	587	184	13	19	2	1	3	1,004
Against the person	70	61	6	19	-	1	2	66
Against property with violence	275	80	4	-	-	-	1	414
Against property without violence	85	7	-	-	-	-	-	349
Malicious offences against property	8	2	-	-	-	-	-	22
Forgery and offences relating to currency	39	1	-	-	-	-	-	29
Other	46	8	1	-	2	-	-	46
Criminal Code, Total of above	523	159	11	19	2	1	3	926
Federal Statutes	64	25	2	-	-	-	-	78

1) Excludes Québec and Alberta.

2) Definition: Gaol is chiefly the British Variant of Jail.

3) Canada total includes only Ontario, Nova Scotia and New Brunswick excluded in 1973.

Source: SC, *Statistics of Criminal and other Offences*.

Table 7.9
Number of Juveniles¹ Charged by Offence Group, Canada and Ontario, 1972–1978²

	Offence Group	Canada			Ontario		
		Total	Male	Female	Total	Male	Female
1972	Criminal Code	52,319	46,277	6,042	14,019	12,063	1,956
	Federal Statutes ³	2,081	1,510	571	542	382	160
	Provincial Statutes	9,474	6,080	3,394	2,349	1,562	787
	Municipal By-Laws	1,241	1,107	134	82	82	-
	Total	65,115	54,974	10,141	16,992	14,089	2,903
1973	Criminal Code	58,305	51,324	6,981	15,775	13,653	2,122
	Federal Statutes ³	3,607	2,767	840	738	544	194
	Provincial Statutes	10,958	6,957	4,001	2,272	1,542	730
	Municipal By-Laws	1,115	1,016	99	74	70	4
	Total	73,985	62,064	11,921	18,859	15,809	3,050
1974	Criminal Code	64,033	56,474	7,559	18,190	15,605	2,585
	Federal Statutes ³	4,580	3,666	914	1,072	892	180
	Provincial Statutes	11,065	7,339	3,726	2,578	1,796	782
	Municipal By-Laws	1,426	1,255	171	68	64	4
	Total	81,104	68,734	12,370	21,908	18,357	3,551
1975	Criminal Code	71,212	62,832	8,380	18,590	16,068	2,522
	Federal Statutes ³	4,145	3,328	817	978	796	182
	Provincial Statutes	11,817	7,467	4,350	2,205	1,515	690
	Municipal By-Laws	1,617	1,420	197	70	67	3
	Total	88,791	75,047	13,744	21,843	18,446	3,397
1976	Criminal Code	71,120	61,862	9,258	18,318	15,488	2,830
	Federal Statutes ³	4,672	3,738	934	999	804	195
	Provincial Statutes	12,058	7,727	4,331	1,868	1,274	594
	Municipal By-Laws	1,023	949	74	72	69	3
	Total	88,873	74,276	14,597	21,257	17,635	3,622
1977	Criminal Code	69,553	60,660	8,893	16,718	14,526	2,192
	Federal Statutes ³	4,448	3,569	879	1,153	889	264
	Provincial Statutes	12,581	8,440	4,141	2,063	1,514	549
	Municipal By-Laws	1,035	929	106	52	47	5
	Total	87,617	73,598	14,019	19,986	16,976	3,010
1978	Criminal Code	70,392	60,872	9,520	17,518	14,953	2,565
	Federal Statutes ³	4,366	3,664	702	1,187	976	211
	Provincial Statutes	11,927	8,197	3,730	2,081	1,590	491
	Municipal By-Laws	722	616	106	59	52	7
	Total	87,407	73,349	14,058	20,845	17,571	3,274

1) A juvenile in Ontario is an individual who has not yet reached his or her 16th birthday. In other provinces, this age does vary.

2) Traffic and related offences are not included.

3) Federal Statutes includes drug offences under the Narcotics Control Act and the Food and Drug Act.

Source: SC, *Crime and Traffic Enforcement Statistics (85-205)*

Table 7.10
Nature of the Court Decision¹ Rendered for Juveniles Charged,² Canada³ and Ontario, 1974 – 1978

	1974		1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Adjudged Sine Die ⁴	4,446	1,905	6,577	2,184	7,037	2,790	5,635	2,334	2,914	1,379
Adult Court	50	—	125	7	184	3	101	—	123	2
Other Adjudications	3,473	1,320	4,067	1,666	4,960	1,934	3,954	1,645	3,544	1,483
Found Delinquent	33,166	11,351	35,381	12,769	36,878	11,152	35,751	9,941	38,287	10,272
Juvenile Institution	1,674	773	1,807	900	1,561	731	1,532	635	1,516	696
Referral to Province	664	1	727	194	922	318	1,014	365	1,330	508
Probation Supervision	10,759	4,594	11,209	4,992	12,173	4,745	11,454	4,607	12,276	4,565
Fine/Restitution	8,030	1,000	9,700	1,303	11,583	1,285	11,509	1,138	11,766	1,166
Adjudged Indefinitely ⁴	6,326	1,452	6,173	1,743	5,318	1,190	5,400	1,226	7,197	1,416
Suspended Disposition	3,844	3,381	3,934	3,389	3,536	2,712	2,520	1,713	2,905	1,514
Reprimanded	1,180	83	973	85	1,209	42	1,363	44	1,261	35
Other Not Known	689	67	858	163	576	129	959	213	1,036	372
Total	41,135	14,576	46,150	16,626	49,059	15,879	45,441	13,920	44,868	13,136

1) Only the most serious court decision rendered for each individual is included in this table. Figure shown represents number of persons, not number of appearances.

2) This table includes adults charged with contributing to delinquency.

3) British Columbia, Prince Edward Island and the Northwest Territories are not included in the 'Canada' figures. Also excluded are provincial traffic and liquor offences for the province of Manitoba.

4) The proportion of cases adjudged sine die with and without finding of delinquency changed significantly in 1978. This is due to a change in data processing procedures.

Source: SC, Justice Statistics Division.

Table 7.11

Sex and Age¹ of Juveniles Appearing in Court for Charges of Delinquency,
Canada and Ontario, 1974 – 1978

		Age				Other ³	Total
		7-11	12-13	14-15	16-17 ²		
Canada ⁴							
1974	M	1,964	5,568	16,193	8,697	1,068	33,490
	F	218	1,160	3,422	2,670	175	7,645
	T	2,182	6,728	19,615	11,367	1,243	41,135
1975	M	2,047	6,043	18,230	10,007	1,273	37,600
	F	254	1,245	3,869	2,999	183	8,550
	T	2,301	7,288	22,099	13,006	1,456	46,150
1976	M	1,930	6,441	19,012	11,169	1,462	40,014
	F	272	1,403	3,992	3,159	219	9,045
	T	2,202	7,844	23,004	14,328	1,681	49,059
1977	M	1,418	5,560	17,665	10,612	1,392	36,647
	F	166	1,209	3,705	3,488	226	8,794
	T	1,584	6,769	21,370	14,100	1,618	45,441
1978	M	1,223	5,364	17,575	10,672	1,636	36,470
	F	167	1,099	3,695	3,202	235	8,398
	T	1,390	6,463	21,270	13,874	1,871	44,868
Ontario							
1974	M	1,273	2,908	7,768	...	57	12,006
	F	149	658	1,740	...	23	2,570
	T	1,422	3,566	9,508	...	80	14,576
1975	M	1,304	3,141	9,027	...	295	13,767
	F	189	748	1,870	...	52	2,859
	T	1,493	3,889	10,897	...	347	16,626
1976	M	1,197	3,113	8,426	...	359	13,095
	F	191	742	1,795	...	56	2,784
	T	1,388	3,855	10,221	...	415	15,879
1977	M	872	2,560	7,784	...	377	11,593
	F	103	550	1,617	...	57	23,327
	T	975	3,110	9,401	...	434	13,920
1978	M	718	2,368	7,395	...	416	10,897
	F	94	452	1,631	...	62	2,239
	T	812	2,820	9,026	...	478	13,136

1) Age is the age at the time the delinquency was committed.

2) Only the provinces of Newfoundland, British Columbia, Manitoba and Quebec have age limits greater than fifteen years. In the first two provinces the limit is under seventeen years; in the latter two, it is under eighteen years. The age limit for females in Alberta was under eighteen years until October, 1978, at which time it was lowered to under sixteen years.

3) Other includes adults charged with contributing to delinquency and persons whose age is not known.

4) British Columbia, Prince Edward Island and the Northwest Territories are not included in the 'Canada' figures. Also excluded are provincial traffic and liquor offences in the province of Manitoba.

Source: SC, *Justice Statistics Division*

Table 7.12
Number of Juveniles¹ Charged by Nature of the Delinquency,² Canada³ and Ontario, 1974 – 1978

Nature of Delinquency	1974		1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Break and Enter	7,868	2,519	9,622	3,302	10,327	3,386	9,492	3,013	9,646	2,989
Theft	12,079	5,055	12,730	5,676	13,674	5,260	10,877	3,920	11,029	3,445
Possess. Stolen Goods	1,781	952	2,207	1,173	2,524	1,074	2,910	1,052	2,308	932
Mischief	2,766	1,037	2,917	1,053	3,310	1,128	2,789	911	2,944	892
Take car	719	286	791	328	766	342	767	349	666	283
Auto Offence – C. Code	534	42	586	63	688	50	699	66	796	85
Forgery and Fraud	379	139	449	155	444	165	447	127	476	141
Violent Crimes ⁴	1,528	527	1,924	624	2,063	719	1,945	623	2,063	672
Narcotic Offences	1,450	412	1,406	369	1,747	428	1,651	424	1,523	348
Prov. Traffic Offence	2,948	683	2,799	732	3,358	653	3,807	636	3,343	602
Prov. Liquor Offence	4,356	1,283	5,298	1,193	4,866	865	4,549	839	3,739	763
Prov. School Offence	272	165	274	145	393	213	499	354	513	371
Municipal By-Laws	592	74	397	97	576	48	783	55	1,282	45
Other Offence	3,863	1,402	4,750	1,716	4,323	1,548	4,226	1,551	4,540	1,568
Total	41,135	14,576	46,150	16,626	49,059	15,879	45,441	13,920	44,868	13,136

1) This table includes adults charged with contributing to delinquency.

2) For each person, only the delinquency for which the most serious court action was taken is included in this table.

3) British Columbia, Prince Edward Island and the Northwest Territories are not included in the 'Canada' figures. Also excluded are provincial traffic and liquor offences for the province of Manitoba.

4) Includes the following Criminal Code offences: assaults, sexual offences, murder and attempted murder, manslaughter and robbery

Source: SC, Justice Statistics Division.

Table 7.13**Persons in Correctional Institutions¹ by Type of Institution, Canada and Ontario, 1970 – 1978**

	Training Schools ²		Federal Penitentiaries		Provincial Adult Institutions	
	Canada	Ontario	Canada	Ontario	Canada ⁴	Ontario
1970						
Males	1,501	417	7,015	2,009	10,170	4,534
Females	742	189	93	86	425	195
1971						
Males	1,308	412	7,376	2,029	8,421	4,087
Females	651	113	107	106	406	186
1972						
Males	1,269	389	8,126	2,160	8,353	3,871
Females	608	83	127	126	389	161
1973						
Males	863 ³	633 ⁵	8,945	2,510	7,846	3,508
Females	557 ³	—	166	166	413	172
1974						
Males	793 ³	593 ⁵	8,368	2,288	7,754	3,626
Females	535 ³	—	131	131	376	138
1975						
Males	..	411 ⁶	8,583	2,174	10,764	4,112
Females	..	119 ⁶	117	117	513	164
1976						
Males	..	447 ⁶	9,137	2,289	12,556	4,676
Females	..	127 ⁶	148	148	515	189
1977 ⁸						
Males	..	448 ⁶	9,205	2,162	13,098	5,077 ⁷
Females	..	112 ⁶	130	130	495	150 ⁷
1978 ⁸						
Males	..	..	9,165	2,150	12,117	4,439
Females	..	..	144	144	558	168

1) The Correctional Institutions Statistics program covers all provincial adult institutions, but it does not necessarily include all RCMP guard-houses, training centers, or forestry camps.

2) These figures show the province where inmates were in custody as of December 31, not necessarily the province where they were convicted.

3) The totals for Canada exclude number from Ontario.

4) This may not indicate the total female population since the sex breakdown is not available for certain institutions.

5) These totals represent data provided by S.C. More recent figures acquired from the Ontario Ministry of Correctional Services take into account the effect of special Christmas leaves-of-absence. These are as follows:

M F Total

1973 (from Count Sheet dated Dec. 30/73) 426 151 577

1974 (from Count Sheet dated Dec. 30/74) 383 134 517

6) These figures are supplied by the Ontario Ministry of Correctional Services from count sheets dated Dec. 29/75, Dec. 27/76 and Dec. 26/77.

7) Based on weekly counts as of midnight on Thursdays submitted to the Ontario Ministry of Correctional Services: 1976 (from Count Sheet dated Dec. 30/76), 1977 (from Count Sheet dated Dec. 29/77)

8) Figures as of December 31.

Source: SC, *Correctional Institute Statistics (85-207) and the Ontario Ministry of Correctional Services.*

Table 7.14
Movement of Jail¹ Population, Ontario, 1975 – 76 to 1979 – 80

	1975 – 76		1976 – 77		1977 – 78		1978 – 79		1979 – 80	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Movement of Jail Population - In										
Remaining in custody on remand ²	739	22	939	41	1,326	28	1,970	73	1,831	104
Remaining in custody for other reasons ²	1,206	80	1,541	60	1,653	74	1,060	20	1,272	44
Readmitted from bail where released on bail previous year ³	859	36	198	5	41	2	69	7	101	23
Transferred from other institutions	3,373	186	5,744	517	4,719	373	5,639	430	7,933	523
Admitted during year	51,155	3,566	51,678	3,113	55,380	3,692	57,602	4,232	56,206	4,495
Total in Custody During Year	57,332	3,890	60,100	3,736	63,119	4,169	66,340	4,762	67,343	5,189
Movement of Jail Population - Out										
Number released on bail	4,425	331	7,462	511	12,700	1,045	11,606	956	10,675	986
Acquitted and released	890	88	266	34	944	79	665	56	814	68
Released by order of judge or court without trial	987	65	363	28	1,192	147	3,054	641	3,626	833
Paid fines and were released	12,099	681	13,888	1,003	9,010	659	10,713	494	12,542	355
Placed on probation with or without supervision ⁴	2,061	147	824	59	1,280	119	779	94	758	58
Released for any other reason	871	72	1,441	97	383	23	571	16	630	30
Released to immigration	993	313	950	231	811	233	548	129	494	192

Table 7.14 (cont'd)
Movement of Jail¹ Population, Ontario, 1975 - 76 to 1979 - 80

	1975 - 76		1976 - 77		1977 - 78		1978 - 79		1979 - 80	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Movement of Jail Population - Out (cont'd)										
Discharged on expiration of sentence	21,881	1,599	21,007	1,134	20,301	1,123	20,840	1,398	21,917	1,611
Transferred to other institutions ⁵	10,634	493	11,138	520	13,440	647	14,452	830	12,570	900
Died before trial	6	-	10	-	5	1	5	-	1	-
Died while serving sentence	2	-	10	3	7	-	3	-	4	-
Escaped and not recaptured during year	3	-	5	-	16	-	1	-	4	-
Remaining in custody on remand ³	939	41	1,036	46	1,970	73	1,831	104	1,644	83
Remaining in custody serving unexpired sentences, awaiting trial or for other reasons ⁴	1,541	60	1,700	70	1,060	20	1,272	44	1,664	73
Total	57,332	3,890	60,100	3,736	63,119	4,169	66,340	4,762	67,343	5,189

1) Those facilities which usually hold those persons on relatively shorter sentences, act as an initial point of entry, or as "holding tanks".

2) Data is as of March 31 the previous fiscal year.

3) Data is as of March 31 of each year.

4) Previous to 1979 - 1980 this was: "Released on probation and/or suspended sentence".

5) The term "other institutions" includes training schools, penitentiaries, hospitals, etc

Source: Ministry of Correctional Services, *Report of the Minister*.

Table 7.15
Use of Jail¹ and Detention Centre Accommodation, by Institution, Ontario, 1979 – 80²

Institution	Year Opened	Accommodation		Greatest Number of Inmates		Least Number of Inmates		Average Daily Population		Number committed Indictable Offences	Number committed Non- Indictable Offences	Total Days Stay of Inmates ⁴
		M	F	M	F	M	F	M	F			
Jails												
Barrie	1843	59	6	83	9	25	—	56	1	842	1,374	21,393
Brantford	1852	38	3	59	—	25	—	40	—	931	328	14,932
Brockville	1842	21	3	32	3	9	—	19	—	167	373	7,131
Chatham	1850	46	—	50	—	20	—	33	—	299	488	12,157
Cobourg	1906	36	3	45	1	15	—	30	—	174	322	11,180
Cornwall	1833	21	1	36	1	5	—	18	—	366	164	6,778
Fort Frances	1907	19	3	28	1	5	—	13	—	133	246	4,860
Guelph	1853	28	—	51	—	24	—	37	—	523	203	13,701
Halleybury	1923	28	3	39	2	14	—	23	—	190	107	8,813
Kenora	1928	70	29	90	44	37	2	60	17	527	1,579	28,282
Lindsay	1863	30	6	37	3	10	—	22	—	303	279	8,219
L'Orignal	1828	25	—	21	—	6	—	12	—	141	72	4,729
Monteith	1965	26	—	34	—	10	—	19	—	334	390	7,046
North Bay	1928	67	6	90	4	30	—	47	—	483	349	17,802
Owen Sound	1869	40	6	49	2	17	—	29	—	123	398	10,766
Parry Sound	1878	36	4	39	9	10	—	23	—	246	300	8,791
Pembroke	1866	24	4	31	5	5	—	18	—	179	305	7,121
Perth	1864	24	2	29	1	6	—	17	—	133	209	6,324
Peterborough	1866	24	1	39	3	8	—	26	—	358	561	9,954
Sarnia	1961	58	1	69	3	27	—	44	—	313	581	16,311
Sault Ste. Marie	1914	59	4	79	7	39	—	55	3	658	496	21,624
Stratford	1887	27	—	45	—	9	—	21	—	103	279	7,965
Sudbury	1928	100	9	98	14	51	1	68	6	870	1,107	27,373
Thunder Bay	1923	97	6	89	7	46	—	67	2	636	1,037	25,270
Toronto ³ (New Section)	1958	336	—	417	—	273	—	341	—	5,174	3,039	125,133
Walkerton	1866	32	2	43	2	7	—	20	—	252	124	7,535
Whitby	1958	58	6	124	24	55	1	82	4	1,013	765	31,910
Windsor	1925	91	10	106	10	54	—	78	3	1,279	1,090	30,092

Table 7.15 (cont'd)
 Use of Jail¹ and Detention Centre Accommodation, by Institution, Ontario, 1979 – 80²

Institution	Year Opened	Accommodation		Greatest Number of Inmates		Least Number of Inmates		Average Daily Jail Population		Number committed Indictable Offences	Number committed Non- indictable Offences	Total Days Stay of Inmates ⁴
		M	F	M	F	M	F	M	F			
Detention Centres												
Elgin Middlesex	1977	156	16	215	17	107	—	155	9	1,562	2,344	60,489
Hamilton-Wentworth ⁴	1978	240	20	283	33	146	—	235	16	1,872	2,807	92,349
Niagara	1973	130	9	140	8	64	—	109	1	840	1,261	40,699
Toronto East	1977	340	—	364	—	225	—	298	—	2,504	1,534	109,431
Toronto West	1977	280	100	300	93	195	3	252	62	4,174	2,309	115,232
Ottawa-Carleton	1972	176	10	196	14	126	12	156	7	1,513	1,238	60,159
Quinte	1971	96	6	128	18	66	—	97	3	612	1,301	36,826
Waterloo	1978	60	—	95	—	44	—	59	—	623	1,016	22,719
Totals		...	...	...	...	...	...	...	...	30,450	30,375	1,041,096

1) Those facilities which usually hold those persons on relatively shorter sentences, act as initial points of entry, or as "holding tanks".

2) Figures are as of March 31, 1980, for a one year period.

3) Includes Hendrie and Hilsdale Forestry Camps.

4) Basis of Total Days Stay changed in 1979/80 to reflect official count as of midnight each day not the greatest number of the day.

Source: Ministry of Correctional Services, *Report of the Minister*.

Table 7.16Admissions to Provincial Jail¹ by Age and Sex, Ontario, 1971 – 72 to 1979 – 80²

			Under 16 Years	16 Years	17 Years	18 Years	19-24 Years	25-35 Years	36-50 Years	51-65 Years	Over 65 Years
Total											
1971 – 72	M	60,901	20	1,772	2,924	3,432	16,365	11,921 ³	15,332 ⁴	8,673 ⁵	462 ⁶
	F	3,533	8	153	190	167	854	795 ³	918 ⁴	424 ⁵	24 ⁶
	T	64,434	28	1,925	3,114	3,599	17,219	12,716 ³	16,250 ⁴	9,097 ⁵	486
1972 – 73	M	53,198	20	1,704	2,871	3,195	14,528	10,321 ³	12,845 ⁴	7,410 ⁵	304 ⁶
	F	3,231	6	148	205	170	787	709 ³	799 ⁴	393 ⁵	14 ⁶
	T	56,429	26	1,852	3,076	3,365	15,315	11,030 ³	13,644 ⁴	7,803 ⁵	318
1973 – 74	M	45,838	12	1,439	2,609	3,161	13,520	10,874	9,621	4,101	501
	F	2,738	6	110	167	209	730	781	503	209	23
	T	48,576	18	1,549	2,776	3,370	14,250	11,655	10,124	4,310	524
1974 – 75	M	46,827	19	1,345	2,531	3,199	14,549	11,385	9,084	4,214	501
	F	2,547	7	81	154	190	763	720	478	145	9
	T	49,374	26	1,426	2,685	3,389	15,312	12,105	9,562	4,359	510
1975 – 76	M	41,967	54	1,402	2,659	3,380	13,052	10,106	7,390	3,496	428
	F	2,326	4	77	153	161	568	779	401	173	10
	T	44,293	58	1,479	2,812	3,541	13,620	10,885	7,791	3,669	438
1976 – 77	M	51,678	73	2,160	3,432	4,018	17,185	12,335	8,488	3,831 ⁷	156 ⁸
	F	3,113	10	152	203	258	944	841	489	195 ⁷	21 ⁸
	T	54,791	83	2,312	3,635	4,276	18,129	13,176	8,977	4,026 ⁷	177 ⁸
1977 – 78	M	55,380	67	2,121	3,676	4,226	18,762	13,785	8,774	3,843 ⁷	126 ⁸
	F	3,692	18	192	270	308	1,276	950	505	171 ⁷	2 ⁸
	T	59,072	85	2,313	3,946	4,534	20,038	14,735	9,279	4,014 ⁷	128 ⁸
1978 – 79	M	57,602	69	2,450	4,174	4,399	19,629	14,371	8,634	3,738 ⁷	138 ⁸
	F	4,232	13	242	360	347	1,423	1,075	599	173 ⁷	– ⁸
	T	61,834	82	2,692	4,534	4,746	21,052	15,446	9,233	3,911 ⁷	138 ⁸
1979 – 80	M	56,206	56	2,422	4,024	4,378	19,319	13,883	8,318	3,670 ⁷	136 ⁸
	F	4,495	17	261	346	343	1,421	1,258	623	223 ⁷	3 ⁸
	T	60,701	73	2,683	4,370	4,721	20,740	15,141	8,941	3,893 ⁷	139 ⁸

1) These facilities which usually hold those persons on relatively shorter sentences, act as initial point of entry, or as "holding tanks".

2) Data are for a year duration, ending March 31.

3) For the year 1971–1972 and 1972–1973 the age group is 25 to 34 years.

4) For the years 1971–1972 and 1972–1973 the age group is 35 to 49 years.

5) For the years 1971–1972 and 1972–1973 the age group is 50 to 69 years.

6) For the years 1971–1972 and 1972–1973 the age group is over 69 years.

7) For the years 1976–1977, 1977–1978, 1978–1979 and 1979–1980 the age group is 51 to 70 years.

8) For the years 1976–1977, 1977–1978, 1978–1979 and 1979–1980 the age group is 71 years and over.

Source: Ministry of Correctional Services, *Report of the Minister*.

Table 7.17
Motor Vehicle Accidents, Ontario 1950 – 1978

Year	Accidents					Persons	
	Total Accidents	Fatal	Personal Injury	Property Damage Only		Killed	Injured
1950	43,681	678	13,871	29,132		791	19,940
1951	54,920	824	15,653	38,443		949	22,557
1952	58,515	893	16,300	41,322	1,010	1,010	23,634
1953	65,866	920	16,639	48,307	1,082	1,082	24,353
1954 ¹	62,509	897	16,810	44,802	1,045	1,045	24,607
1955	63,219	971	17,905	44,343	1,111	1,111	26,246
1956	71,399	1,008	19,358	51,033	1,180	1,180	28,626
1957	76,302	1,089	20,433	54,780	1,279	1,279	30,414
1958	76,884	965	20,575	55,344	1,112	1,112	30,106
1959	81,518	1,006	21,502	59,010	1,187	1,187	31,602
1960	87,186	987	23,714	62,485	1,166	1,166	34,436
1961	85,577	1,098	25,643	58,836	1,268	1,268	37,146
1962	94,231	1,139	28,667	64,425	1,383	1,383	41,766
1963	104,919	1,222	32,718	70,979	1,421	1,421	47,801
1964	111,232	1,202	36,527	73,503	1,424	1,424	54,560
1965	128,462	1,318	41,047	86,097	1,611	1,611	60,917
1966	139,781	1,347	44,246	94,188	1,596	1,596	65,210
1967	145,008	1,400	45,023	98,585	1,719	1,719	67,280
1968	155,127	1,346	47,719	106,062	1,586	1,586	71,520
1969	169,395	1,410	50,136	117,849	1,683	1,683	74,902
1970 ²	141,609	1,300	50,372	89,937	1,535	1,535	75,126
1971	158,831	1,498	56,117	101,216	1,769	1,769	84,650
1972	189,494	1,620	63,541	124,333	1,934	1,934	95,181
1973	193,021	1,625	65,335	126,061	1,959	1,959	97,790
1974	204,271	1,470	66,352	136,449	1,748	1,748	98,673
1975	213,689	1,520	65,811	146,358	1,800	1,800	97,034
1976	211,865	1,265	58,028	152,572	1,511	1,511	83,736
1977	218,567	1,213	63,787	153,567	1,420	1,420	95,664
1978 ³	186,363	1,263	62,664	122,436	1,450	1,450	94,979

1) In April, 1954, the amount for a property-damage-only collision was raised from \$50.00 to \$100.00.

2) On January 1, 1970, the minimum reportable amount for a property-damage-only collision was raised to over \$200 from over \$100.

3) On January 1, 1978 the reporting criterion for property-damage-only accidents was raised from \$200 to \$400.

Source: Ministry of Transportation and Communications, Public and Safety Information Branch.

Table 7.18**Motor Vehicle Accidents, by County, Ontario, 1978**

	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ontario	186,363	1,263	62,664	122,436	1,450	94,979
Algoma	3,480	26	1,189	2,265	33	1,862
Brant	2,537	22	760	1,755	31	1,170
Bruce	1,159	11	401	747	15	619
Cochrane	1,853	19	549	1,285	26	886
Dufferin	771	13	259	499	13	424
Dundas	370	4	120	246	6	198
Durham	5,607	44	1,946	3,617	51	3,210
Elgin	1,338	17	487	834	22	762
Essex	7,478	55	2,762	4,661	66	4,223
Frontenac	2,292	14	715	1,563	14	1,039
Glenarry	545	9	213	323	9	315
Grenville	487	6	164	317	6	265
Grey	1,393	17	480	896	21	776
Haldimand-Norfolk	1,828	35	609	1,184	39	1,008
Haliburton	400	4	141	255	4	235
Halton	5,482	34	1,915	3,533	37	2,997
Hamilton-Wentworth	9,963	56	3,749	6,158	58	5,668
Hastings	2,266	33	766	1,467	35	1,187
Huron	1,140	13	385	742	17	641
Kenora	1,239	14	402	823	16	672
Kent	2,402	33	819	1,550	36	1,180
Lambton	2,740	22	906	1,812	24	1,472
Lanark	1,040	7	365	668	7	532
Leeds	1,242	18	448	776	19	676
Lennox & Addington	599	13	202	384	17	335
Manitoulin	321	5	119	197	6	210
Middlesex	7,618	47	2,781	4,790	52	4,221
Muskoka	1,000	12	362	626	13	641
Niagara	8,232	62	2,892	5,278	68	4,251
Nipissing	1,634	15	583	1,036	19	898
Northumberland	1,400	19	521	860	23	883
Ottawa-Carleton	12,443	56	3,441	8,946	65	4,771
Oxford	1,889	14	606	1,269	14	944
Parry Sound	784	20	254	510	25	473
Peel	9,131	50	2,984	6,097	57	4,539
Perth	1,352	12	471	869	14	753
Peterborough	2,406	24	875	1,507	25	1,382
Prescott	600	8	205	387	8	310
Prince Edward	421	5	142	274	8	216
Rainy River	545	7	141	397	9	201
Renfrew	1,781	26	627	1,128	30	1,026
Russell	314	3	102	209	3	156
Simcoe	4,718	42	1,683	2,993	51	2,720
Stormont	1,398	11	483	904	14	680
Sudbury District	3,754	34	1,436	2,284	39	2,279
Thunder Bay	4,656	39	1,388	3,229	55	2,140
Timiskaming	824	11	270	543	13	445
Victoria	1,122	8	430	684	11	688
Waterloo	7,578	36	2,283	5,259	40	3,336
Wellington	2,587	28	866	1,693	30	1,415
York	48,204	130	15,967	32,107	136	23,049

Source: Ministry of Transportation and Communications, Public and Safety Information Branch.

Recreation and Tourism

Highlights

- **Recreation** — Per capita expenditure on motion picture entertainment in 1978 was \$11.79 in Ontario and \$11.20 in Canada. Of the 1,079 motion picture theatres in Canada in 1978, 278 or 25.8 per cent were situated in Ontario. These 278 theatres had a seating capacity of 203,618. The number of theatres in Toronto was 58 or 20.9 per cent of the Ontario total. In 1978 Ontario had 35.6 per cent of Canada's car capacity for drive-in theatres, and 92 (or 31.2 per cent) of the 295 drive-in theatres in Canada.

Between 1965 and 1975 the number of campers jumped 79.7 per cent from 902,472 to 1.6 million. Since 1975 this rapid increase has not been maintained, and the number of campers has in fact decreased from 1975 to 1979 by 16.4 per cent. Over the five years 1975 to 1979 camper origin changed by several percentage points. In 1975, 68 per cent came from Ontario, 6 per cent from other provinces and 26 per cent from the U.S.A. In 1979 these percentages were respectively 72 per cent, 12 per cent, and 16 per cent.

In terms of total hotels there was a 3.5 per cent decrease in the number of establishments from 1,272 in 1976 to 1,227 in 1977. The number of available guest rooms decreased by 1.2 per cent from 62,651 in 1976 to 61,874 in 1977.

There was a 4.6 per cent decrease in the number of Canadians returning from the U.S. between the years 1978 and 1979 to a mark of 14.9 million. This surpasses the high point reached in 1970 by 6.7 per cent.

The number of U.S. visitors entering Canada has fluctuated over the past few years and reached a low of 31.2 million persons in 1979. This is 1.3 per cent lower than the 1978 mark and 16.1 per cent lower than the 1973 record high of 37.2 million. In 1979, Ontario provided the port of entry for 66.9 per cent of the American visitors to Canada, of which 86.9 per cent arrived by automobile.

Of the 1,161,101 non-North American travellers entering Ontario in 1979 Europe accounted for 66.4 per cent followed by the Asian countries with 16.2 per cent. Ontario provided the port of entry for 57.8 per cent of foreign visitors to Canada.

Definitions

Days-Nights Stay — The days or nights stay of a person travelling in a country other than that in which he usually resides. Unless otherwise stated, total days or nights stay for returning citizens and residents is the time spent outside of Canada and includes days or nights en route. Data are derived from continuous questionnaire surveys and not from hotel statistics. Included are nights spent in all types of accommodation, such as hotels, motels, hostels, tourist or private homes, camping out, etc.

Direct to Canada — Via the United States — These designations are used in overseas travel and are determined on the basis of entry for visitors and re-entry for Canadians. Persons travelling directly to Canada from overseas countries are considered as direct travellers and those travelling to Canada through or by way of the United States are referred to as travellers via the United States. Expenditures in the United States by Canadians travelling to and from overseas countries via the United States are included in the travel payments to the United States.

Free Time Activities — Any recreational activities or leisure time activities that would be included in the categories of arts, crafts and hobbies, relaxing indoors, exercising, relaxing outdoors, education, informal social activities, community and service activities and home improvement or maintenance.

The collection document used in the survey did not define, except by example where necessary, the categories of events and activities listed. Hence, respondents may have reported under "live theatre" anything from attendance at a school play to attendance at professional theatre. In like fashion, the response to "walking for exercise" may range from rigorous hiking to a leisurely stroll in the park, while swimming may represent either competitive swimming or an occasional dip at the pool.

Household — A person or a group of persons occupying one dwelling unit is defined as a "household". The number of households will therefore be equal to the number of occupied dwellings.

The following note on coverage applies to all tables sourced "Household Facilities and Equipment":

The survey was carried out in conjunction with the Labour Force Survey. Households were chosen by area sampling methods.

The sample for this survey is designed to represent all households in Canada with certain exceptions. Excluded are: households in the Yukon and Northwest Territories, households on Indian reserves, institutional households, military camps, other collective-type households such as those living in hotels, large lodging houses, clubs, logging and construction camps; certain private households living in trailers, in summer cottages, on boats, etc.

Leisure-Time Activity — The questionnaire specified that only "conscious leisuretime activities" should be reported. That is, listening to the car radio while driving to work, or listening to records while doing the housework, were not to be included as leisure-time activities. Also, professional or semi-professional sports activities were not to be reported.

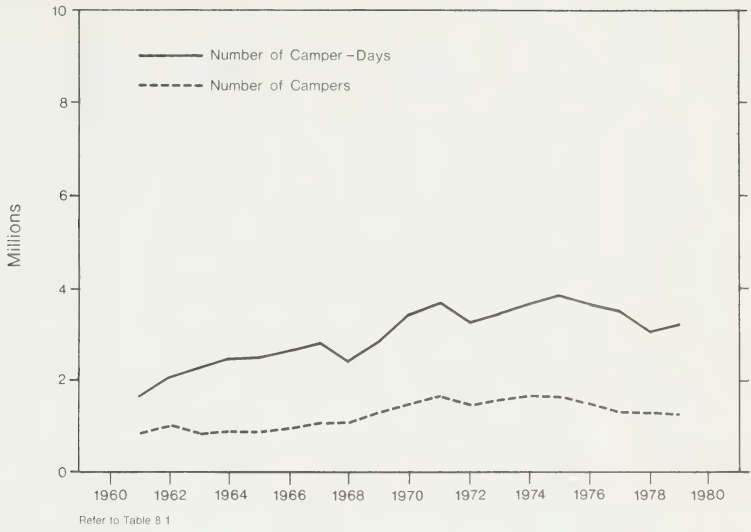
Other Traveller or Modes — A residual classification of international traveller which includes pedestrians, drivers of commercial vehicles, local bus traffic between border communities, etc., normally considered as short-term traffic and treated accordingly.

Overseas Countries — All countries other than the United States of America. Overseas includes the countries of Puerto Rico, St. Pierre and Miquelon, and the Virgin Islands and other United States protectorates. In the case of returning citizens and residents, Hawaii is considered as a United States destination (since 1976).

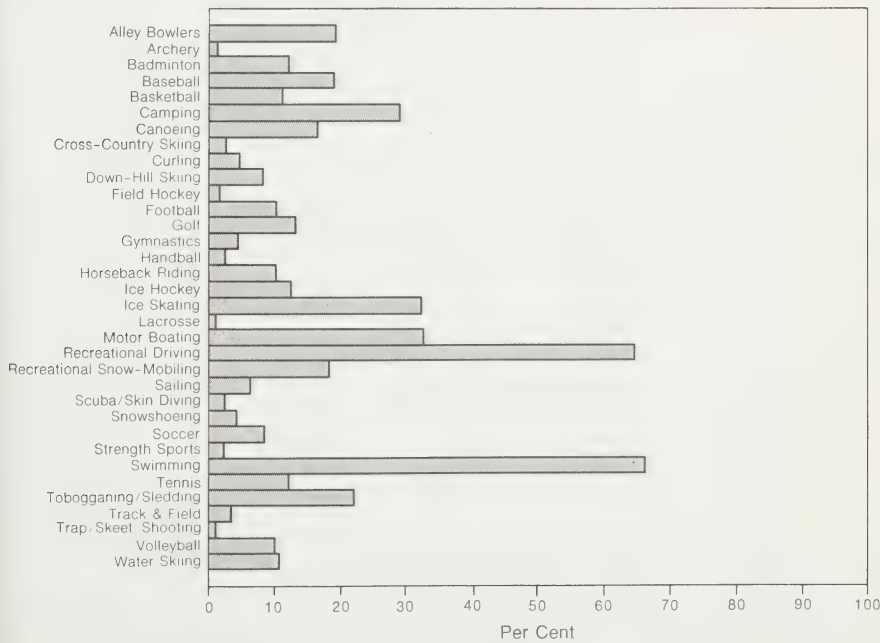
Recreational Activities — For purposes of the Ontario Recreation Survey all activities in which the respondent participates without being paid, which was not part of a school curriculum, or which was done for fund raising are considered recreation.

Returning Citizen and Resident — An international traveller, resident of Canada, who returns to Canada from abroad through a Customs and Immigration point after an absence of less than one year.

Graph 8.A
Provincial Park Attendance, 1961-1979



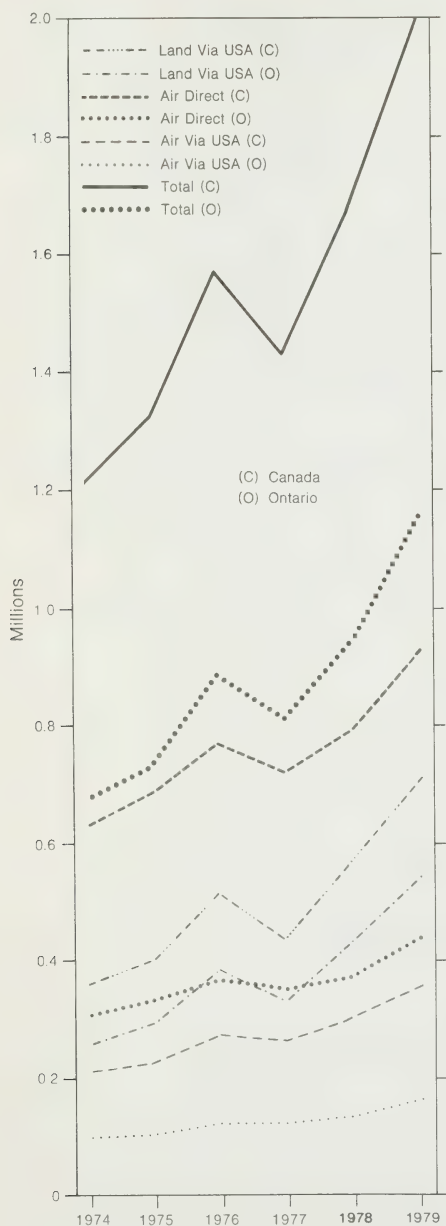
Graph 8.B
Participation in Selected Recreational Activities by Rate, Ontario, 1974



Source: Ministry of Culture and Recreation, *Tourism and Recreational Behaviour of Ontario Residents*, Vol. 7: Profiles of Participants

Graph 8.C

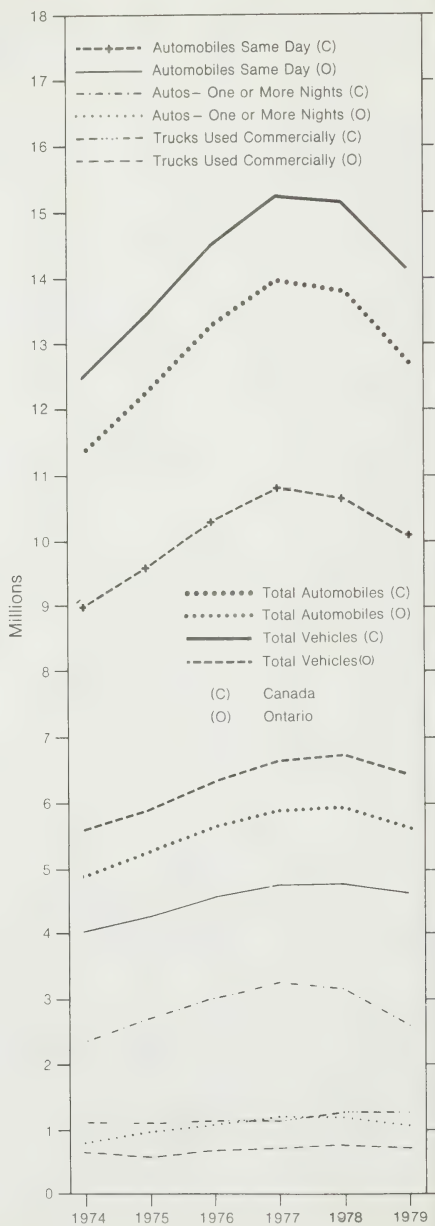
Residents of Countries Other than U.S.A.
Entering Canada by Type of Transportation,
Canada and Ontario, 1974-1979



Refer to Table 8.16

Graph 8.D

Canadian Vehicles Returning from the
United States, Canada and Ontario,
1974-1979



Refer to Table 8.17

Table 8.1
Provincial Park Attendance, Ontario 1961–1979

	Camper Origin			Camper Days	Average length of Stay	July-August Occupancy ¹
	Ontario	Other Provinces	U.S.A.			
	%				(days)	%
1961	71	6	23	862,559	1,725,118	2.0
1962	70	6	24	1,063,127	2,126,254	2.0
1963	64	7	29	840,491	2,353,375	2.8
1964	66	6	28	916,281	2,495,556	2.7
1965	63	7	30	902,472	2,495,284	2.8
1966	66	6	28	994,787	2,653,055	2.7
1967	61	10	29	1,155,091	2,805,143	2.4
1968	69	7	24	1,119,912	2,457,801	2.2
1969	69	7	24	1,360,639	2,956,214	2.2
1970	68	6	26	1,531,528	3,524,322	2.2
1971	68	6	26	1,618,948	3,788,525	2.3
1972	68	6	26	1,498,479	3,291,559	2.2
1973	68	6	26	1,600,817	3,547,215	2.2
1974	68	6	26	1,615,677	3,702,059	2.3
1975	68	6	26	1,621,887	3,979,473	2.5
1976	75	8	17	1,515,353	3,766,796	2.5
1977	73	9	18	1,371,039	3,571,581	2.5
1978 ¹	72	10	18	1,324,808	3,116,421	2.2
1979	72	12	16	1,355,733	3,259,752	2.3

¹ % occupancy = $\frac{\text{number of nights occupancy} \times 100}{\text{number of campsites in parks} \times 62 \text{ days}}$

Source: Ministry of Natural Resources, *Ontario Provincial Park Statistical Report*.

Table 8.2
Provincial Park Characteristics, Ontario, 1965–1979

	Parks	Acreage	Vehicle Entries	Visitation ¹	Total Interpretive Contacts ²	Developed Campsites
1965	89	3,742,160	2,437,988	8,875,668	469,914	15,427
1966	92	3,747,267	2,738,664	9,791,671	545,021	15,922
1967	94	3,756,255	2,817,362	10,192,533	579,850	16,201
1968	96	3,763,440	2,588,242	9,440,211	661,598	17,298
1969	97	8,379,596	2,946,228	10,459,936	774,097	18,039
1970	108	10,236,909	3,468,758	12,172,254	754,021	18,296
1971	113	10,282,848	3,903,368	13,658,619	892,760	18,941
1972	115	10,363,312	3,652,935	12,320,794	796,709	19,983
1973	115	10,405,264	3,585,161	12,136,909	894,314	20,209
1974	117	10,466,668	3,286,106	11,031,651	919,286	20,036
1975	121	10,416,219	3,401,561	11,139,864	1,454,270	20,332
1976	122	10,771,959	3,431,189	10,732,666	1,485,340	19,851
1977	126 ¹	10,775,144	3,276,625	10,431,166	1,900,016	20,035
1978 ¹	128	10,557,072	2,940,238	9,570,382	1,803,156	20,176
1979	129	4,255,388 ³	.. ⁴	5,161,563	1,401,256	20,723

¹ Before 1979 visitation figure based on Vehicle entries X average number of people per vehicle.

² 1979 figure based on the following:

VISITORS = average occupants/vehicle x number of daily vehicle permits issued + average occupants/vehicle x number of annual vehicle permits x 10 + number of occupants per bus + Total number of camper-nights + group day use visitors + group camping camper-nights.

³ The number of Park visitors who have participated in programs run by the Provincial Park Staff, (i.e., guided nature hikes, tours, etc.)

⁴ Park acreages were redetermined in 1978, 1979 shown in hectares.

⁵ Vehicle entries no longer recorded.

Source: Ministry of Natural Resources, *Ontario Provincial Parks Statistical Report*.

Table 8.3

Number of Person-trips and Expenditure by Travellers in Ontario, by Origin, 1978-1979

Origin	Number of Person-Trips		Expenditure	
	1978	1979 ^p	1978	1979 ^p
	000's		\$ Millions	
Ontario	82,230	88,750	3,900	4,500
Other Provinces	11,200	11,780	630	700
United States	20,738	20,987	852	900
Other Countries	986	1,214	344	500
Total	115,154	122,731	5,726	6,600

Source: SC, Ministry of Industry and Tourism, Tourism Market Analysis Section.

Table 8.4Overnight Camping Equipment and Boats, Canada and Ontario, Selected Years, 1974-1978¹

	1974		1976		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
Overnight Camping Equipment						
Tent Trailer	254	98	306	118	307	108
Tent	859	305	942	335	1,241	467
Travel Trailer	218	68	260	83	330	94
Truck Camper	136	35	156	41	203	52
Other	47	14	41	11	66	17
% of Households With Equipment ^{2,3}	21.4	19.2	23.5	21.6	27.1	24.6
Boats						
Canoe	199	101	257	122	363	165
Sailboat	69	30	77	42	96	45
Rowboat, Skiff, Dory	245	84	202	66	251	92
Outboard Motor Boat	480	216	559	250	575	254
Other	51	20	45	21	46	17
% of Households With Boats ^{2,3}	13.5	14.8	14.1	15.9	14.8	16.2

¹ For 1974, figures are as of April; for 1976 and 1978, figures are as of May.² For the number of total households and an explanation of the coverage, see Table 9.4 and the introductory note at the beginning of Chapter 9.³ Sum of kinds of camping equipment (boats) is greater than total households with camping equipment (boats) since some households have more than one kind.Source: SC, *Household Facilities and Equipment* (64-202)

Table 8.5
Outboard Motors, Canada and Ontario, Selected Years, 1968–1978¹

	Total Households ²	Households with Outboard Motors ³	Households without Outboard Motors ³
	'000's		
1968			
Canada	5,458	525	4,933
Ontario	2,003	243	1,760
1970			
Canada	5,784	605	5,179
Ontario	2,140	264	1,876
1972			
Canada	6,111	671	5,441
Ontario	2,275	293	1,982
1974			
Canada	6,513	669	5,843
Ontario	2,440	283	2,157
1976			
Canada	6,949	559	6,390
Ontario	2,606	250	2,356
1978			
Canada	7,320	575	6,745
Ontario	2,741	254	2,487

1) For 1974, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) 1976 and 1978 figures refer to motor boats.

Source: SC, *Household Facilities and Equipment*.

Table 8.6
Vacation Homes¹, Canada and Ontario, Selected Years, 1973–1978²

	Total Households ³	Households with Vacation Homes	Households without Vacation Homes
	'000's		
1973			
Canada	6,301	452	5,849
Ontario	2,354	163	2,191
1974			
Canada	6,513	478	6,035
Ontario	2,440	187	2,252
1976			
Canada	6,949	477	6,471
Ontario	2,606	193	2,413
1978			
Canada	7,320	473	6,846
Ontario	2,741	186	2,555

1) Excludes trailers or any other mobile homes.

2) For 1973 and 1974 figures are as of April. For 1976 and 1978 figures are as of May.

3) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*.

Table 8.7
Adult-size Bicycles, Canada and Ontario, 1975-1979¹

	1975		1976		1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Total Households ²	6,721	2,523	6,949	2,606	7,119	2,666	7,320	2,741	7,558	2,813
Households With Adult-Size Bicycles ³										
One	1,251	478	1,387	533	1,492	569	1,604	618	1,632	622
Two Or More	1,020	424	1,333	540	1,399	546	1,467	564	1,631	604
Households Without Adult-Size Bicycles	4,450	1,621	4,229	1,533	4,228	1,551	4,248	1,558	4,296	1,587

1) Year as of April 1975, and May 1976, 1977 and 1978.

2) See introductory note of this chapter for an explanation of the coverage.

3) Bicycles owned and used by persons 14 years of age and over. From 1978, bicycles owned and used by persons 15 years of age and over.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 8.8
Snowmobiles, Canada and Ontario, 1974-1978¹

	1974		1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Total Households ²	6,513	2,440	6,721	2,523	6,949	2,606	7,119	2,666	7,320	2,741
Households With Snowmobiles										
One Snowmobile	465	157	500	161	495	164	532	167	518	174
Two or More	140	58	173	72	185	78	183	72	192	79
Households Without Snowmobiles	5,907	2,224	6,048	2,290	6,268	2,364	6,404	2,427	6,670	2,488

1) For 1976, 1977 and 1978, figures are as of May; all other years, figures are as of April.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 8.9Principal Statistics of Motion Picture Theatres, by Selected City, Canada and Ontario¹, 1973-1978

	Establish- ments	Seating Capacity	Receipts from Admissions (excluding Taxes)	Amusement ⁴ Taxes	Number of Paid Admis- sions	Potential Number of Admissions	Average Admis- sion Price ²
			\$'000's		'000's		\$
1973							
Canada	1,135	650,851	129,876	9,665	77,438	532,375	1.68
Ontario	292	209,476	48,493	4,613	27,668	185,971	1.75
Toronto	65	57,130	17,774	1,714	8,551	60,375	2.08
Hamilton	16	11,993	2,997	283	1,654	10,619	1.81
Ottawa	12	10,183	3,676	354	2,109	10,606	1.74
London	7	6,028	1,920	187	1,053	8,567	1.82
Windsor	7	6,966	1,612	160	881	9,006	1.83
1974							
Canada	1,116	643,406	149,720	11,184	79,020	509,207	1.89
Ontario	285	205,477	56,135	5,616	29,127	183,726	1.93
Toronto	67	57,103	19,660	2,040	8,793	57,113	2.24
Hamilton	14	10,586	3,397	326	1,660	9,813	2.05
Ottawa	11	9,215	4,564	443	2,318	10,149	1.97
London	8	6,295	2,339	232	1,148	8,037	2.04
Windsor	7	6,966	1,923	194	933	9,343	2.06
1975							
Canada	1,173	666,591	183,139	13,406	84,161	525,035	2.16
Ontario	294	210,271	69,522	6,975	31,405	185,464	2.21
Toronto	61	52,330	21,952	2,182	8,791	56,177	2.50
Hamilton	14	10,499	3,624	359	1,598	10,516	2.27
Ottawa	11	9,163	5,317	524	2,348	9,977	2.26
London	8	6,261	2,728	263	1,176	8,503	2.32
Windsor	7	6,862	.. ³	.. ³	.. ³	.. ³	2.24
1976							
Canada	1,129	652,524	192,462	14,098	82,328	533,732	2.34
Ontario	283	202,029	70,882	7,099	29,964	189,957	2.37
Toronto	55	49,497	22,161	2,196	8,301	55,126	2.67
Hamilton	14	10,826	3,818	373	1,608	10,849	2.37
Ottawa	11	9,163	5,530	545	2,403	10,800	2.30
London	8	6,277	2,746	273	1,126	8,513	2.44
Windsor	7	6,305	.. ³	.. ³	.. ³	.. ³	2.30
1977							
Canada	1,094	642,915	197,813	12,529	76,455	479,923	2.59
Ontario	274	200,109	72,872	5,625	28,194	167,164	2.58
Toronto	57	54,930	26,523	2,060	9,230	58,157	2.87
Hamilton	14	10,743	4,069	273	1,609	9,761	2.53
Ottawa	12	10,463	5,980	418	2,403	10,242	2.48
London	9	6,706	3,053	.. ³	1,190	7,770	2.57
Windsor	7	6,305	.. ³	.. ³	.. ³	.. ³	2.54
1978							
Canada	1,079	637,757	218,358	9,777	81,597	465,726	2.68
Ontario	278	203,618	83,232	2,647	30,871	166,680	2.70
Toronto	58	57,067	31,091	1,420	10,462	58,322	2.97
Hamilton	14	10,718	4,116	.. ³	1,583	9,627	2.60
Ottawa	12	10,491	7,038	.. ³	2,630	11,088	2.68
London	10	7,828	3,911	.. ³	1,471	9,356	2.66
Windsor	7	6,060	.. ³	.. ³	.. ³	.. ³	2.63

¹ Includes only those theatres located within the incorporated limits of the city.² Admission receipts (excluding taxes) divided by number of admissions. No corrections are made for juvenile attendance, matinee, evening prices, etc.³ Data is confidential to meet secrecy requirements of the Statistics Act.⁴ In 1977 amusement taxes were charged only on tickets costing \$3.00 or more.Source: SC, *Motion Picture Theatres and Film Distributors*

Table 8.10Principal Statistics of Drive-in Theatres, Canada and Ontario, 1967-1978¹

	Establish- ments	Car Capacity	Walk-in Seats	Number of Paid Admissions	Receipts to from Ad- missions (excluding taxes)	Amuse- ment Taxes ³	Sales of Candy, Drinks Cigarettes, etc.	Per Capita Ex- penditure on Motion Picture Entertain- ment ²
				'000's		\$'000's		\$
1967								
Canada	253	101,490	674	12,042	12,759 ^r	787	5,424	5.08
Ontario	98	48,725	40	5,695	6,550	622	3,024	6.07
1968								
Canada	261	106,231	705	12,252	14,656	932	6,341	5.88
Ontario	102	50,531	40	6,050	7,893	751	3,601	7.13
1969								
Canada	271	108,729	686 ^r	11,308	15,658	1,033	6,696	6.01
Ontario	103	51,126	40	5,622	8,301	830	3,578	7.20
1970								
Canada	279	115,512	328	11,489	17,047	1,118	7,081	6.45
Ontario	102	51,458	-	5,377	8,463	845	3,667	7.37
1972								
Canada	284	117,858	457	10,559	17,881	1,173	7,847	6.89
Ontario	103	54,202	279	4,772	8,170	809	3,498	7.58
1973								
Canada	299	133,435	380	11,581	20,726	1,445	8,891	7.32
Ontario	103	53,725	270	4,465	8,502	867	3,550	7.87
1974								
Canada	307	143,758	369	11,372	22,963	1,600	10,104	8.26
Ontario	100	52,647	279	4,326	9,291	945	3,857	8.89
1975								
Canada	315	148,531	600	12,843	29,283	1,973	12,102	10.04
Ontario	98	53,065	279	4,805	11,682	1,221	4,255	10.84
1976								
Canada	309	145,659	605	13,048	31,573	2,105	13,241	10.39
Ontario	101	53,269	279	5,075	12,868	1,284	4,725	11.06
1977								
Canada	298	139,689	576	11,779	31,880	1,544	13,594	10.48
Ontario	92	49,635	420	4,552	12,879	705	5,125	11.02
1978								
Canada	295	138,919	92	11,634	33,557	1,182	14,938	11.20
Ontario	92	49,461	-	4,474	13,444	232	5,776	11.79

¹ 1971 data are not available as no survey was carried out. Data will be available through the 1971 Census.² Per capita expenditure is calculated from total receipts (including amusement taxes) of drive-ins and regular theatres.³ In 1977 amusement taxes were charged only on tickets costing \$3.00 or more.Source: SC, *Motion Picture Theatres and Film Distributors*.

Table 8.11**Principal Statistics for Hotels, Canada and Ontario, 1974-1977**

	Total Establishments	Working Proprietors	Family Workers	Paid Employees		Salaries and Wages
				Full Time	Part Time	
						\$'000's
Total Hotels						
1974						
Canada	4,893	...	1,701	87,454	29,343	508,524
Ontario	1,166	...	498	26,463	10,193	160,719
1975						
Canada	4,834	...	1,516	89,975	34,704	600,411
Ontario	1,170	...	496	26,875	11,824	181,962
1976						
Canada	5,429	...	1,940	97,972	35,813	737,273
Ontario	1,272	...	537	30,384	12,094	226,820
1977						
Canada	5,294	1,575	1,828	96,396	36,940	779,832
Ontario	1,227	543	458	30,390	13,165	234,763
Full Year Licensed Hotels						
1974						
Canada	4,071	...	1,266	82,812	27,761	487,540
Ontario	873	...	234	25,309	9,665	154,884
1975						
Canada	4,029	...	1,062	75,662	32,832	575,986
Ontario	896	...	244	25,808	11,141	175,607
1976						
Canada	4,605	...	1,465	93,444	32,903	704,531
Ontario	1,000	...	295	29,233	11,312	219,331
1977						
Canada	4,479	1,076	1,364	91,586	33,591	742,900
Ontario	972	373	258	29,004	12,084	225,540

Source: SC, *Traveller Accommodation Statistics*, (63-204).

Table 8.12**Nature of Receipts, Hotels, Canada and Ontario, 1974-1977**

	Number of Guest Rooms	Receipts					
		Total	Rooms	Meals	Beer, Wine and Liquor	Merchandise Sales	Other
\$'000's							
Total Hotels							
1974							
Canada	185,629	1,852,764	554,167	431,495	749,248	40,417	77,437
Ontario	55,278	554,592	192,878	142,020	191,732	8,035	19,927
1975							
Canada	192,320	2,097,148	640,368	492,642	829,718	50,845	83,575
Ontario	57,733	615,070	218,942	159,920	207,322	8,317	20,568
1976							
Canada	207,769	2,489,218	740,536	583,520	994,835	72,835	97,492
Ontario	62,651	723,285	250,255	191,589	246,829	9,617	24,995
1977							
Canada	205,400	2,692,337	809,665	630,800	1,044,049	92,450	115,373
Ontario	61,874	784,753	282,552	204,887	256,420	10,281	30,613
Full Year Licensed Hotels							
1974							
Canada	160,908	1,772,386	503,447	415,377	745,099	37,655	70,808
Ontario	47,362	531,253	177,931	136,437	191,134	7,022	18,729
1975							
Canada	167,378	2,011,813	585,187	475,992	825,065	45,708	78,061
Ontario	50,083	589,646	202,349	153,622	206,712	7,230	19,733
1976							
Canada	181,260	2,377,978	672,761	562,828	987,438	64,268	90,683
Ontario	54,984	694,929	232,553	184,822	245,926	7,664	23,964
1977							
Canada	178,672	2,559,720	731,545	607,542	1,034,915	82,820	102,898
Ontario	54,049	750,812	261,033	197,136	255,252	8,073	29,318

Source: SC, *Traveller Accommodation Statistics*, (63-204)

Table 8.13
Non-Resident Travellers Entering Canada by Place of Residence¹, Canada and Ontario, 1974-1979

	Europe	Africa	Asia	North America, Central America and Caribbean	South America	Oceania and Other Ocean Islands	Total
1974							
Canada	835,379	25,348	166,630	97,413	41,670	52,816	1,219,256
Ontario	472,393	9,706	78,203	67,756	26,027	20,749	674,834
1975							
Canada	892,322	26,196	196,439	110,721	46,370	55,508	1,327,556
Ontario	502,925	10,985	91,126	76,730	29,330	21,331	732,427
1976							
Canada	1,049,311	33,833	239,586	124,583	57,608	72,409	1,577,330
Ontario	599,120	15,070	118,190	84,685	37,617	30,599	885,281
1977							
Canada	944,145	33,135	218,274	107,080	56,203	65,847	1,424,684
Ontario	542,424	15,829	106,301	72,538	35,786	28,092	800,970
1978							
Canada	1,095,835	35,863	276,738	123,026	63,101	79,100	1,673,663
Ontario	629,459	16,139	140,329	82,319	40,788	33,886	942,920
1979							
Canada	1,315,595	38,723	344,566	144,183	78,459	89,106	2,010,632
Ontario	770,436	17,372	187,791	96,456	51,579	37,467	1,161,101

¹⁾ Residents of the United States are not included.

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8.14

Canadian Resident Travellers Returning from the United States by Type of Transportation, Canada and Ontario, 1968-1979

	Land				Air	Marine	Other Modes of Transportation	Total
	Automobile	Bus	Rail	Total Land ¹				
1968								
Canada	..	608,713	136,410	745,123	927,827	134,639	..	1,807,589
Ontario	..	304,459	66,270	370,729	555,102	92,777	..	1,018,608
1969								
Canada	..	689,818	114,986	804,804	1,200,868	131,772	..	2,137,444
Ontario	..	358,040	55,340	413,380	630,265	86,816	..	1,130,461
1970								
Canada	29,097,000	677,600	86,000	29,860,600	1,195,000	124,900	2,877,300	34,057,800
Ontario	11,156,900	346,200	40,700	11,543,800	627,600	80,800	1,680,800	13,933,000
1971								
Canada	27,650,200	728,800	27,200	28,406,200	1,262,100	135,300	2,781,900	32,585,500
Ontario	10,835,700	384,500	10,700	11,230,900	673,700	105,100	1,600,600	13,610,300
1972 ²								
Canada	27,105,100	1,466,200	10,400	28,581,700	1,115,900	150,900	599,100	30,447,600
Ontario	10,581,300	1,038,000	2,200	11,621,500	550,700	136,000	244,900	12,553,100
1973								
Canada	27,255,652	1,410,089	19,395 ³	28,685,136	1,349,220	190,371	531,084	30,755,811
Ontario	10,589,164	955,995	2,491	11,547,650	682,790	171,501	179,778	12,581,719
1974								
Canada	26,329,004	1,467,760	36,093 ³	27,832,857	1,579,928	208,767	469,745	30,091,297
Ontario	10,299,665	902,073	8,537	11,210,275	785,220	180,296	155,283	12,331,074
1975								
Canada	29,006,862	1,426,673	35,284	30,468,819	1,757,934	231,503	504,558	32,962,814
Ontario	11,348,274	926,126	7,317	12,281,717	825,774	204,417	163,693	13,475,601
1976								
Canada	31,549,622	1,466,044	38,239	33,053,905	2,128,501	233,198	519,271	35,934,875
Ontario	12,405,100	942,088	9,270	13,356,458	957,568	201,684	190,206	14,705,916
1977								
Canada	33,196,440	1,398,063	44,550	34,639,053	2,456,805	290,155	511,234	37,897,247
Ontario	12,991,857	870,983	7,975	13,870,815	1,094,321	250,644	165,890	15,381,670
1978								
Canada	32,422,880	1,392,441	41,728	33,857,049	2,685,734	276,784	473,956	37,293,523
Ontario	13,116,144	867,767	6,883	13,990,794	1,225,029	236,986	140,121	15,592,930
1979								
Canada	29,295,638	1,332,994	40,117	30,668,809	3,005,426	282,819	424,669	34,381,723
Ontario	12,264,591	854,701	4,511	13,123,803	1,382,419	240,349	124,523	14,871,094

¹ Excludes other modes of land transportation.² The data in 1972 reflects changes in the methods of collection. For example, local bus traffic was shifted from the "other modes" category to the "Bus" category which before 1972 related only to "long distance" bus traffic. Air and rail crews were no longer included under the "Air" and "Rail" categories, respectively. The increase from 1971 to 1972 in "Marine" visitors is the result of the shift from "other modes" to the "Marine" category of ferry traffic from Amherstburg, Ontario and Victoria, B.C. After 1972 the "Other Modes" category included other forms of land transportation only.³ Reflects the introduction of new passenger service lines.Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8.15

U.S. Residents entering Canada by Type of Transportation, Canada and Ontario, 1973–1979

	Land				Air	Marine	Other Modes of Transportation	Total
	Automobile	Bus	Rail	Total Land ¹				
1973								
Canada	32,698,358	1,504,989	59,850 ²	34,263,197	1,429,621	856,125	635,359	37,184,302
Ontario	20,548,646	1,035,702	2,692	21,587,040	691,646	766,482	252,979	23,298,147
1974								
Canada	30,452,542	1,535,846	90,721	32,079,109	1,607,118	892,990	598,937	35,178,154
Ontario	19,956,543	1,012,816	6,520	20,975,879	778,014	793,405	238,354	22,785,652
1975								
Canada	30,007,653	1,520,281	87,663	31,615,597	1,529,782	801,512	635,350	34,582,241
Ontario	19,709,226	1,016,916	9,084	20,735,226	708,675	687,395	244,240	22,375,536
1976								
Canada	27,787,050	1,477,600	104,831	29,369,481	1,484,104	779,043	598,274	32,230,902
Ontario	18,143,863	1,019,869	25,048	19,188,780	694,595	656,249	215,110	20,754,734
1977								
Canada	27,272,917	1,426,783	109,519	28,809,219	1,592,745	762,651	609,196	31,773,811
Ontario	18,114,967	961,498	21,719	19,098,184	729,534	655,845	215,523	20,699,086
1978								
Canada	26,907,290	1,462,904	101,654	28,471,848	1,666,238	845,303	613,770	31,597,159
Ontario	17,914,642	985,420	21,795	18,921,857	767,031	743,134	200,467	20,632,489
1979								
Canada	26,372,104	1,505,977	92,037	27,970,118	1,835,521	779,998	605,953	31,191,590
Ontario	18,138,654	989,714	6,519	19,134,887	879,675	665,125	199,412	20,879,099

¹ Excludes other modes of land transportation.² Reflects the introduction of new passenger service lines.Source: SC, *Travel Between Canada and Other Countries*, (66-001)**Table 8.16**

Residents of Countries Other Than the U.S.A. Entering Canada, by Type of Transportation, Canada and Ontario, 1973–1979

	Land	Air		Marine		Total
	(Via U.S.A.)	Direct	(Via U.S.A.)	Direct	(Via U.S.A.)	
1973						
Canada	365,600	565,625	164,606	7,107	1,906	1,104,844
Ontario	287,924	285,835	82,542	5	15	656,324
1974						
Canada	361,829	636,901	212,582	7,000	944	1,219,256
Ontario	259,836	314,664	100,309	-	25	674,834
1975						
Canada	407,188	683,697	228,528	5,132	3,011	1,327,556
Ontario	297,001	332,033	103,374	-	19	732,427
1976						
Canada	519,930	771,853	277,126	5,187	3,234	1,577,330
Ontario	390,457	372,050	122,733	-	41	885,281
1977						
Canada		717,800	262,704	4,426	2,279	1,424,684
Ontario		353,874	120,674	-	43	800,970
1978						
Canada	570,879	793,861	302,711	4,208	2,007	1,673,663
Ontario	431,663	376,742	134,468	-	47	942,920
1979						
Canada	711,826	930,729	359,091	4,712	4,274	2,010,632
Ontario	550,750	444,461	165,461	-	409	1,161,101

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8. 17

Canadian Vehicles Returning from the United States, Canada and Ontario, 1968-1979

Year	Automobiles				Trucks Used Commercially	Other Vehicles	Total
	Same Day		One or More Nights	Total			
1968							
Canada	9,136,145 ¹		2,460,861	11,597,006	869,862	..	12,466,868
Ontario	3,976,717		938,913	4,915,630	457,016	..	5,372,646
1969							
Canada	9,467,381 ²		2,540,871	12,008,252	1,003,660	..	13,011,912
Ontario	4,292,929		869,351	5,162,280	558,281	..	5,720,561
1970							
Canada	8,985,600		2,493,300	11,478,900	1,011,400	223,600	12,713,900
Ontario	4,034,800		872,500	4,907,300	531,400	71,300	5,510,000
1971							
Canada	8,592,900		2,513,200	11,106,100	1,034,400	196,900	12,337,400
Ontario	3,960,500		933,400	4,893,900	546,100	50,900	5,490,900
1972							
Canada	8,901,100		2,524,200	11,425,300	1,159,100	85,400	12,669,800
Ontario	4,053,700		942,600	4,996,300	646,700	10,900	5,653,900
		One Night	Two or More Nights				
1973							
Canada	9,128,294	490,017	1,964,306	11,582,617	1,183,245	99,385	12,865,247
Ontario	4,106,527	173,653	715,327	4,995,507	666,139	15,300	5,676,946
1974							
Canada	8,974,996	468,374	1,852,016	11,295,386	1,109,068	91,592	12,496,046
Ontario	4,090,097	163,629	627,604	4,881,330	653,864	14,207	5,549,401
1975							
Canada	9,571,752	487,976	2,205,697	12,265,425	1,008,361	101,342	13,375,128
Ontario	4,271,381	175,492	776,076	5,222,949	577,568	17,421	5,817,938
1976							
Canada	10,249,299	513,017	2,479,363	13,241,679	1,110,146	100,812	14,452,637
Ontario	4,557,805	193,516	880,051	5,631,372	668,796	17,099	6,317,267
1977							
Canada	10,744,612	550,178	2,666,865	13,961,655	1,128,166	111,559	15,201,380
Ontario	4,727,695	208,156	938,132	5,873,983	694,757	20,572	6,589,312
1978							
Canada	10,669,987	544,061	2,594,817	13,808,865	1,253,826	112,262	15,174,953
Ontario	4,783,044	219,275	979,601	5,981,920	754,375	20,756	6,757,051
1979							
Canada	10,089,519	531,531	2,139,072	12,760,122	1,290,271	110,088	14,160,481
Ontario	4,645,270	213,409	834,732	5,693,411	755,462	19,319	6,468,192

1) Includes 91,977 motorcycles and bicycles and 134,033 taxis.

2) Includes 93,612 motorcycles and bicycles and 139,426 taxis.

Source, SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8.18
U.S. Vehicles Entering Canada, Canada and Ontario, 1968–1979

	Automobiles					
	Same Day	One or More Nights		Total	Trucks Used Commercially	Other Vehicles
1968						
Canada	8,334,883	3,418,325	11,753,208	626,289	135,872	12,515,369
Ontario	5,540,735	1,979,170	7,519,905	344,865	62,876	7,927,646
1969						
Canada	8,330,557	3,565,229	11,895,786	629,314	140,951	12,666,051
Ontario	5,531,298	2,053,245	7,584,543	336,292	67,954	7,988,789
1970						
Canada	8,426,073	3,867,244	12,293,317	630,485	152,545	13,076,347
Ontario	5,520,316	2,161,570	7,681,886	324,730	72,674	8,079,290
1971						
Canada	8,341,378	4,102,292	12,443,670	726,062	144,777	13,314,509
Ontario	5,427,661	2,358,088	7,785,749	380,425	62,633	8,228,807
1972						
Canada	8,419,279	4,035,044	12,454,323	792,438	74,702	13,321,463
Ontario	5,491,909	2,275,962	7,767,871	455,642	28,829	8,252,342
		One Night	Two or More Nights			
1973						
Canada	8,575,03	846,466	3,201,671	12,623,176	887,934	13,600,240
Ontario	5,673,192	595,588	1,686,910	7,955,690	511,703	8,505,126
1974						
Canada	8,211,801	781,546	2,956,988	11,950,335	901,671	12,936,797
Ontario	5,579,464	571,764	1,643,055	7,794,283	501,239	8,330,615
1975						
Canada	8,154,086	749,791	2,964,200	11,868,077	905,059	12,863,991
Ontario	5,573,757	543,033	1,635,822	7,752,612	496,880	8,289,361
1976						
Canada	7,749,615	715,494	2,721,663	11,186,772	1,025,611	12,287,710
Ontario	5,291,472	512,357	1,488,710	7,292,539	594,547	7,916,460
1977						
Canada	7,725,066	693,604	2,650,130	11,068,800	1,039,190	12,182,711
Ontario	5,282,362	508,683	1,506,013	7,297,058	611,017	7,937,929
1978						
Canada	7,728,100	705,203	2,590,377	11,023,680	1,026,421	12,122,866
Ontario	5,301,430	516,052	1,473,057	7,290,539	579,794	7,899,268
1979						
Canada	8,130,574	670,618	2,329,385	11,130,577	1,062,639	12,274,840
Ontario	5,728,102	499,893	1,380,156	7,608,151	617,594	8,261,059

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8. 19

Canadian Resident Travellers Returning from Overseas Countries, Canada and Ontario,
1950-1979

	Number of Canadian Travellers Returning to Canada from Other Countries ¹			Number of Canadian Resi- dents Returning to Canada from Overseas via Ontario
	Direct	Via the U.S.	Total	
1950	44,000	12,000	56,000	..
1951	44,000	11,000	55,000	..
1952	55,000	10,000	65,000	..
1953	62,000	19,000	81,000	..
1954	74,000	22,000	96,000	..
1955	88,000	29,000	117,000	..
1956	106,000	33,000	139,000	..
1957	120,000	39,000	159,000	..
1958	132,000	42,000	174,000	..
1959	157,000	46,000	203,000	..
1960	189,000	52,000	241,000	..
1961	223,000	54,000	277,000	..
1962	253,000	58,000	311,000	..
1963	282,000	60,000	342,000	..
1964	323,000	69,000	392,000	..
1965	386,000	70,000	456,000	..
1966	423,000	80,000	503,000	..
1967	437,000	85,000	522,000	246,906
1968	538,000	100,000	638,000	345,796
1969	732,000	120,000	852,000	460,080
1970	957,000	142,000	1,099,000	581,400
1971	1,039,000	158,000	1,197,000	598,100
1972	1,029,000	114,000	1,143,000	616,600
1973	1,225,000	136,000	1,361,000	653,021
1974	1,264,000	171,000	1,435,000	693,700
1975	1,401,000	153,000	1,554,000	762,963
1976	1,413,000	169,000	1,582,000	822,851
1977	1,580,000	197,000	1,777,000	905,081
1978	1,602,000	206,000	1,808,000	917,433
1979	1,548,000	209,000	1,757,000	914,786

1) Excluding the United States

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Housing and Household Equipment

Highlights

- **Housing** – The number of households in Ontario in 1971 having more than one person per room was 150,715 a decrease of 22.4 per cent from 1961 when 194,343 households had more than one person per room. The level of crowding is comparable to 1951. In Canada in 1971 there were 569,485 such households, a 24.2 per cent reduction from the 750,942 households in 1961 having more than one person per room.

Of Ontario's 2.8 million households, 1.8 million or 64.6 per cent in 1979 were owned and 35.4 per cent were rented. Of this total number of households, 12.6 per cent had 3 or fewer rooms per dwelling and 30.4 per cent had 7 or more rooms per dwelling.

At the end of 1979, the Toronto Census Metropolitan Area had 419 newly completed and unoccupied houses and duplexes; Hamilton had 448. Toronto had 2,912 newly completed and unoccupied row and apartment dwellings and Ottawa had 1,288.

With 1971 = 100, the 1979 consumer price index for rent was 138.9, for mortgage interest 228.0 and for dwelling insurance 344.6.

- **Household Equipment** – In 1967 about 5.1 per cent of Ontario's households had air conditioners. By 1979 this figure had increased to 28.1 per cent of total households.

The proportion of households with one or more cars to the total number of households in Ontario has remained almost constant from 1967 to 1979 at 795 per cent.

In 1967, 96.1 per cent of all households had at least one television and 2.7 per cent had colour television. By 1979 the percentage of households with at least one television had remained fairly constant at 98 per cent, but those with colour television had risen to 78.1 per cent.

Definitions

Housing Stock – The sum of all dwelling units in a given area on Census day comprises the housing stock of that area.

Dwelling Unit – This is a structurally separate set of self-contained living premises with a private entrance from outside the building or from a common hall, lobby or stairway inside the building. Such an entrance must be one that can be used without passing through another separate dwelling unit.

Single House/Detached Dwelling – A building containing only one dwelling unit, which is completely separated on all sides from any other dwelling or structure except its own garage or shed is defined as a single detached house.

Single Attached Dwelling – This is a dwelling attached to another structure at ground level but separated from it by a wall extending from ground to roof. There are three classes of single attached dwellings: a single dwelling attached to one other single dwelling (semi-detached or double house); several dwellings attached (row houses); and a dwelling attached to a non-residential structure such as a store, church or school.

Semi-detached or Double House – One of two dwellings located side-by-side in a building, adjoining no other structure and separated by a common or party wall extending from ground to roof is considered a semi-detached house. This is one class of single attached dwellings.

Row House – A unit of this type is a one family dwelling in a row of three or more attached dwellings separated by common or party walls extending from ground to roof. "Townhouses", "garden houses", "maisonnettes", etc. are considered row houses. These are one class of single attached dwellings.

Duplex – This is two dwelling units, one above the other (each having a separate entrance), but not attached to any other building. This includes dwellings which were built as single houses, but in which the basement or upper storey has been converted to form a structurally separate set of living quarters with its own entrance.

Apartment — A dwelling unit of this type will be in an apartment building (multi-dwelling structure other than a double house or row house), or a house that has been converted for apartments. This includes dwelling types such as triplexes, quadruplexes, etc., or dwelling(s) in a non-residential building such as a school or over a store.

Apartment or Flat (applicable only to Table 4) — A dwelling of this type includes:

- i) dwelling units in apartment blocks or apartment hotels;
- ii) suites in duplexes or triplexes, i.e., where the division between dwelling units is horizontal;
- iii) suites in structurally converted houses;
- iv) living quarters located above or in the rear of stores, restaurants, garages or other business premises;
- v) janitors' quarters in schools, churches, warehouses, etc; and
- vi) private quarters for employees in hospitals or other types of institutions.

Family — This unit is composed of a group of individuals related by blood, marriage or adoption and sharing a common dwelling unit.

Household — A person or group of persons occupying one dwelling is considered a household. It usually consists of a family group, with or without lodgers or employees. It may consist of a group of unrelated persons, of two or more families sharing a dwelling, or of one person living alone. Every person is a member of some household, and the number of households equals the number of occupied dwellings. A "non-family household" is one whose head is not the head of a family. A non-family household may contain lodging families.

The following note on coverage applies to all tables sourced "Household Facilities and Equipment":

The survey was carried out in conjunction with the Labour Force Survey. Households were chosen by area sampling methods.

The sample for this survey is designed to represent all households in Canada with certain exceptions. Excluded are: households in the Yukon and Northwest Territories, households on Indian reserves, institutional households, military camps, other collective-type households such as those living in hotels, large lodging houses, clubs, logging and construction camps; certain private households living in trailers, in summer cottages, on boats, etc.

The estimates in these tables are based on a sample of households and may differ from the figures that would have been obtained if a complete census had been taken using the same schedules, instructions and interviewers. See Statistics Canada Catalogue 64-202 *Household Facilities and Equipment* for details on reliability of the estimates.

Crowded Household — Such a household has more than one person per room.

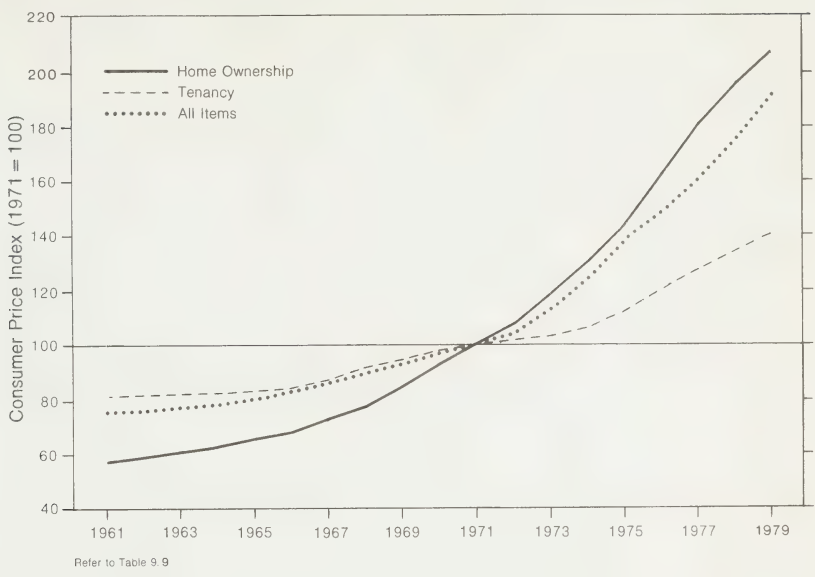
Rooms — In determining the number of rooms in a dwelling, only those rooms used or suitable for living purposes, including rooms occupied by servants, lodgers, or members of lodging families are counted. The following are not counted as rooms: bathrooms, pantries, halls, clothes closets and rooms used solely for business purposes. Summer kitchens, sunrooms, rooms in basements or attics are not counted unless they were finished and suitable for living quarters throughout the year. "Kitchenettes" are counted if the normal kitchen functions are carried out therein and if they contain, as a minimum, cooking facilities (such as a stove or range) and a sink or tub.

Bedrooms — Included as "bedrooms" are all rooms furnished as bedrooms and used as such, even though the use may be occasional as in the case of a "spare" bedroom. Bed-sitting rooms, or other such rooms used for sleeping and living, are not included. In the case of all one-room dwellings such as bachelor apartments, and of many other small dwellings, no "bedroom" would be reported.

Indian Reserve — Territory, mostly rural and varying in size, that belongs to an Indian band, according to treaties between the federal government and the Indians is considered a reserve. It is excluded from local jurisdiction and administered by the federal Department of Indian Affairs and Northern Development. At the collection stage of the census of population 1971, every reserve with a population of 25 or more was considered a separate enumeration area. Smaller reserves were grouped within a census division.

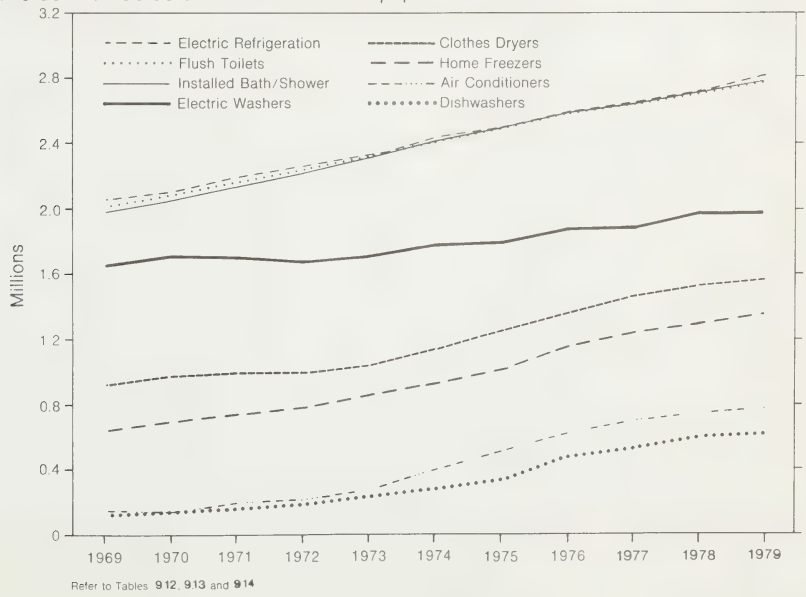
Graph 9.A

Consumer Price Indexes by Selected Housing Components and all Items, Canada, 1961-1979

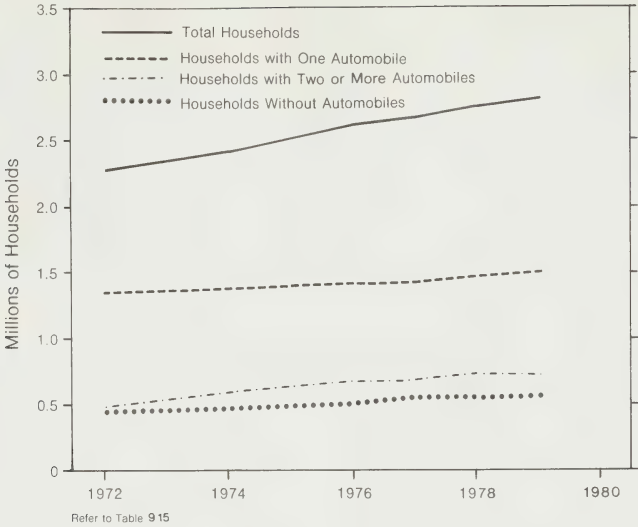


Graph 9.B

Households with Selected Facilities and Equipment, Ontario, 1969-1979



Graph 9.C
Automobiles, Ontario, 1972-1979



Graph 9.D
Apartment Vacancy Rates by Census Metropolitan Area, Ontario, 1974-1979

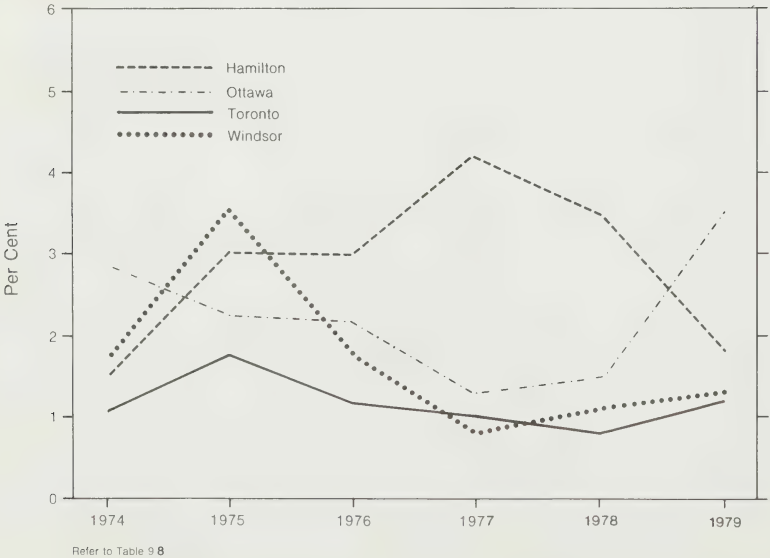


Table 9.1
National Housing Stock, by Province, Canada, Census Years, 1951–1976

	1951 ^{2f}	1961 ^{2f}	1971 ^{2f}	1976 ²
Canada	3,522,162 ¹	4,744,715	6,324,690	7,550,900
Ontario	1,208,160	1,699,932	2,311,850	2,768,190
Newfoundland	75,884	92,642	116,500	141,010
Prince Edward Island	23,952	25,370	29,410	35,010
Nova Scotia	157,133	183,236	216,575	259,170
New Brunswick	119,411	138,230	164,135	201,115
Québec	883,433	1,244,132	1,691,635	1,992,495
Manitoba	207,912	249,199	304,040	344,930
Saskatchewan	235,470	260,527	288,445	309,590
Alberta	261,479	364,969	492,445	604,090
British Columbia	349,328	478,413	696,245	876,700
Yukon and Northwest Territories	—	8,065	13,405	18,605

1) 1951 excludes Yukon and Northwest Territories.

2) Includes vacancies.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.2
Crowding¹, by Province, Canada, Census Years, 1951–1971

	1951	1961	1971
Canada	641,820 ²	750,942	569,485
Ontario	151,730	194,343	150,715
Newfoundland	23,030	26,254	26,070
Prince Edward Island	3,515	4,080	3,560
Nova Scotia	27,615	31,832	25,635
New Brunswick	24,130	27,836	23,910
Québec	216,955	259,985	199,360
Manitoba	39,675	40,261	26,615
Saskatchewan	50,770	45,967	26,155
Alberta	56,300	61,308	38,445
British Columbia	48,100	55,484	45,135
Yukon and Northwest Territories	..	3,592	3,885

1) Households that have more than one person per room.

2) 1951 excludes Yukon and Northwest Territories.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.3Size of Household, Canada and Ontario, 1967-1979¹

	Total House- holds ²	Number of persons per household									
		1	2	3	4	5	6	7	8	9	10 +
'000's											
1967											
Canada	5,293	488	1,271	920	983	701	431	227	123	71	79
Ontario	1,939	171	497	350	370	257	149	75	36	18	16
1968											
Canada	5,458	541	1,327	961	982	690	442	225	130	68	93
Ontario	2,003	198	518	366	375	252	144	71	38	19	21
1969											
Canada	5,616	567	1,373	999	1,041	718	435	215	123	68	79
Ontario	2,062	209	509	378	400	266	153	70	38	19	21
1970											
Canada	5,784	597	1,448	1,024	1,096	744	416	214	119	57	69
Ontario	2,140	215	561	380	434	269	143	65	40	17	17
1971											
Canada	5,933	689	1,499	1,066	1,086	724	419	215	113	58	64
Ontario	2,208	251	562	411	416	273	149	76	36	17	17
1972											
Canada	6,111	827	1,536	1,098	1,106	732	401	201	102	56	53
Ontario	2,275	324	593	413	425	261	142	61	33	10	11
1973											
Canada	6,301	880	1,690	1,087	1,154	724	392	183	93	46	54
Ontario	2,354	329	647	417	443	269	141	57	26	11	13
1974											
Canada	6,513	972	1,762	1,126	1,201	729	375	172	87	45	43
Ontario	2,440	364	684	425	464	259	135	63	24	10	12
1975											
Canada	6,721	1,011	1,938	1,201	1,205	719	355	154	70	30	38
Ontario	2,523	383	753	447	457	272	124	47	22	9	9
1976											
Canada	6,949	1,096	1,949	1,195	1,331	772	341	144	69	26	26
Ontario	2,606	409	738	463	498	292	126	49	18	7	6
1977											
Canada	7,119	1,191	1,990	1,266	1,351	735	343	137	59	24	24
Ontario	2,666	459	754	471	505	279	122	42	20	7	7
1978											
Canada	7,320	1,279	2,071	1,281	1,415	740	320	126	49	21	17
Ontario	2,741	484	764	482	549	288	112	42	12	...	...
1979											
Canada	7,558	1,415	2,193	1,296	1,433	733	301	104	49	16	17
Ontario	2,813	518	839	477	543	272	104	32	19	...	...

¹ For 1973-1975, figures are as of April; all other years, figures are as of May.² See introductory note of this chapter for an explanation of the coverage.Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.4

Tenure and Type of Dwelling, Canada and Ontario, 1967-1979¹

	Total Households ²	Tenure			Type of Dwelling		
		Owned	Rented for Cash	Rented - Other ³	Single Detached	Single Attached	Apartment or Flat ⁵
'000's							
1967							
Canada	5,293	3,454	1,769	71	3,415	336	1,542
Ontario	1,939	1,340	574	25	1,314	178	447
1968							
Canada	5,458	3,541	1,847	70	3,490	369	1,599
Ontario	2,003	1,372	609	22	1,340	181	482
1969							
Canada	5,616	3,636	1,900	80	3,564	374	1,679
Ontario	2,062	1,409	625	28	1,364	194	503
1970							
Canada	5,784	3,729	1,973	83	3,686	353	1,746
Ontario	2,140	1,451	660	29	1,434	177	530
1971							
Canada	5,933	3,774	2,069	90	3,719	416	1,798
Ontario	2,208	1,483	699	26	1,461	201	545
1972							
Canada	6,111	3,827	2,194	90	3,804	446	1,861
Ontario	2,275	1,494	752	29	1,469	204	602
1973							
Canada	6,301	3,952	2,278	71	3,836	420	2,045
Ontario	2,354	1,534	797	22	1,470	213	670
1974							
Canada	6,513	4,091	2,339	83	3,966	473	2,074
Ontario	2,440	1,597	818	24	1,516	240	683
1975							
Canada	6,721	4,161	2,472	88	3,994	458	2,269
Ontario	2,523	1,606	879	38	1,505	251	767
1976							
Canada	6,949	4,338	2,610 ⁴		4,053	605	2,290
Ontario	2,606	1,711	896 ⁴		1,556	287	763
1977							
Canada	7,119	4,576	2,542 ⁴		4,217	558	2,344
Ontario	2,666	1,758	908 ⁴		1,577	270	820
1978							
Canada	7,320	4,627	2,693 ⁴		4,273	618	2,429
Ontario	2,741	1,797	944 ⁴		1,590	342	809
1979							
Canada	7,558	4,776	2,782 ⁴		4,380	613	2,566
Ontario	2,813	1,818	995 ⁴		1,602	332	879

¹ For 1973-1975, figures are as of April; all other years, figures are as of May.² See introductory note of this chapter for an explanation of the coverage.³ Includes dwelling: (a) occupied rent-free or under share-cropping-agreements; (b) for which rent was paid in kind or in services; (c) for which rent also includes rent for business premises.⁴ In 1976 to 1979, data available only in combined form.⁵ See introductory note of this chapter for definition of "Apartment or Flat"Source: SC, *Household Facilities and Equipment*. (64:202)

Table 9.5Rooms and Bedrooms per Dwelling, Canada and Ontario, 1967-1979¹

		Number of rooms per dwelling								
Total Households ²		1	2	3	4	5	6	7	8	9 +
		'000's								
1967										
Canada	5,293	50	112	453	940	1,363	1,169	587	339	279
Ontario	1,939	11	26	156	281	458	535	248	126	98
1968										
Canada	5,458	57	140	471	944	1,379	1,189	629	362	287
Ontario	2,003	12	34	156	295	463	543	261	141	97
1969										
Canada	5,616	51	139	458	973	1,438	1,219	658	361	319
Ontario	2,062	11	40	146	291	476	560	281	143	114
1970										
Canada	5,784	71	136	491	1,024	1,443	1,250	668	398	303
Ontario	2,140	17	37	168	319	485	565	285	155	109
1971										
Canada	5,933	63	143	557	1,069	1,464	1,255	698	394	290
Ontario	2,208	16	40	186	331	514	572	293	154	103
1972										
Canada	6,111	68	154	573	1,081	1,530	1,282	703	404	317
Ontario	2,275	16	50	195	347	528	566	299	156	118
1973										
Canada	6,301	85	169	624	1,127	1,526	1,284	733	405	349
Ontario	2,354	16	48	235	354	513	586	319	159	125
1974										
Canada	6,513	94	169	627	1,106	1,557	1,357	775	466	363
Ontario	2,440	26	49	218	354	532	614	330	182	133
1975										
Canada	6,721	93	177	667	1,169	1,633	1,361	787	473	362
Ontario	2,523	20	61	242	370	564	617	339	186	123
1976										
Canada	6,949	85	186	658	1,180	1,680	1,393	839	499	429
Ontario	2,606	20	54	209	383	583	610	363	218	165
1977										
Canada	7,119	92	187	684	1,159	1,686	1,428	869	539	475
Ontario	2,666	25	57	255	382	550	626	360	233	178
1978										
Canada	7,320	110	197	661	1,218	1,690	1,490	907	554	492
Ontario	2,741	33	62	230	424	530	658	408	225	170
1979										
Canada	7,558	103	180	756	1,213	1,715	1,486	968	603	534
Ontario	2,813	38	52	264	406	546	651	407	248	201

Table 9.5 (cont'd)Rooms and Bedrooms per Dwelling, Canada and Ontario, 1967-1979¹

	Total Households ²	Number of bedrooms per dwelling						
		None ³	1	2	3	4	5	6 +
'000's								
1967								
Canada	5,293	94	634	1,506	2,073	712	202	72
Ontario	1,939	26	220	515	833	270	57	19
1968								
Canada	5,458	93	678	1,516	2,147	748	212	65
Ontario	2,003	27	228	538	872	263	58	17
1969								
Canada	5,616	92	681	1,568	2,232	755	216	73
Ontario	2,062	29	233	532	901	283	62	21
1970								
Canada	5,784	109	719	1,594	2,294	790	209	69
Ontario	2,140	33	263	535	939	295	56	21
1971								
Canada	5,933	121	776	1,615	2,318	815	222	65
Ontario	2,208	41	265	561	964	300	57	19
1972								
Canada	6,111	143	817	1,626	2,382	841	228	75
Ontario	2,275	42	304	571	967	307	62	22
1973								
Canada	6,301	161	866	1,690	2,446	830	230	78
Ontario	2,354	42	322	600	999	305	61	24
1974								
Canada	6,513	173	884	1,668	2,584	887	232	85
Ontario	2,440	59	315	611	1,049	312	65	28
1975								
Canada	6,721	161	943	1,806	2,611	890	240	70
Ontario	2,523	51	349	655	1,061	322	66	17
1976								
Canada	6,949	159	962	1,817	2,727	970	241	72
Ontario	2,602	48	335	669	1,083	377	70	25
1977								
Canada	7,119	169	1,014	1,788	2,858	976	241	73
Ontario	2,666	60	383	659	1,094	376	69	27
1978								
Canada	7,320	181	1,039	1,862	2,928	1,003	235	71
Ontario	2,741	69	368	686	1,155	384	61	17
1979								
Canada	7,558	178	1,129	1,912	2,998	1,024	245	72
Ontario	2,813	62	421	716	1,157	368	69	19

¹ For 1973-1975, figures are as of April; all other years, figures are as of May.² See introductory note of this chapter for an explanation of the coverage.³ See introductory note of this chapter for a definition of "Bedrooms".Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.6
Newly Completed and Unoccupied Dwellings¹, by Census Metropolitan Area², Ontario, Quarterly, 1976-1979

	1976				1977				1978				1979			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Houses and Duplexes																
Hamilton	454	382	476	572	593	617	679	658	625	696	821	830	716	667	500	448
Kitchener	92	239	205	269	392	364	385	419	439	391	386	358	375	303	251	220
London	99	52	168	172	164	171	87	196	182	136	185	280	256	240	194	188
Ottawa, city of	148	229	170	218	123	202	142	300	284	567	427	328	273	319	432	425
St. Catharines - Niagara	317	473	592	596	497	424	444	469	460	435	495	525	461	414	418	390
Sudbury	5	7	68	74	62	38	25	94	74	51	32	79	78	49	61	82
Thunder Bay	4	16	85	53	39	23	13	13	13	16	15	21	20	47	39	49
Toronto	489	444	513	536	461	536	767	1,223	1,167	992	813	676	577	477	547	419
Windsor	16	1	42	87	85	45	36	27	14	24	24	23	30	11	26	46
Row and Apartments³																
Hamilton	363	713	588	937	1,124	1,227	1,119	618	666	858	884	563	517	221	89	65
Kitchener	173	85	117	132	240	237	171	409	428	376	470	195	144	143	130	74
London	56	42	35	47	190	250	111	317	259	355	258	439	613	656	461	617
Ottawa, city of	502	573	657	740	564	568	405	835	936	1,348	677	1,533	1,297	1,068	1,103	1,288
St. Catharines - Niagara	122	50	27	90	123	132	98	88	83	101	24	86	79	231	93	28
Sudbury	-	-	-	-	-	-	-	-	3	99	126	111	97	155	32	25
Thunder Bay	-	-	18	18	43	68	17	134	159	77	3	-	11	2	6	44
Toronto	2,660	3,733	2,997	2,692	2,492	2,282	2,364	2,582	2,588	3,731	4,714	3,330	4,476	5,350	4,415	2,912
Windsor	-	3	9	41	-	-	-	48	53	50	-	-	133	29	66	406

1) As at the end of period shown.

2) Data for 1976 on 1971 Census Area definitions. Subsequent data are on 1976 Census Area definitions.

3) Dwelling units completed and unoccupied for six months or less.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.7
Privately Initiated Apartment Completions by Size of Structure, by Census Metropolitan Area¹,
Ontario, 1977-1979

	Hamilton	Kit- chener	London	Ottawa, city of	St. Catha- rines- Niagara	Sudbury	Thunder Bay	Toronto	Windsor
1977									
Number of Structures									
Under 6	2	3	-	-	1	-	3	20	-
6-19	-	-	-	1	2	-	4	7	4
20-49	-	4	4	3	5	-	1	2	4
50-199	5	3	9	4	3	1	3	7	1
200 +	2	1	2	1	-	-	-	7	-
Total	9	11	15	9	11	1	11	43	9
Dwelling Units									
Under 6	6	7	-	-	4	-	10	51	-
6-19	-	-	-	14	17	-	58	71	37
20-49	-	132	123	109	172	-	49	57	123
50-199	813	194	881	328	274	79	282	746	56
200 +	496	221	444	347	-	-	-	2,171	-
Total	1,315	554	1,448	798	467	79	399	3,096	216
1978									
Number of Structures	-	2	-	1	2	-	3	12	1
Under 6	-	2	-	2	3	-	5	9	7
6-19	2	7	4	-	3	-	2	8	4
20-49	4	4	11	5	3	1	2	21	4
50-199	-	1	1	5	-	-	-	9	-
200 +	6	16	16	13	11	1	12	59	16
Total									
Dwelling Units									
Under 6	-	7	-	4	7	-	12	35	2
6-19	-	22	-	27	33	-	47	107	78
20-49	72	292	102	-	98	-	75	304	144
50-199	477	360	1,109	614	223	145	125	2,032	492
200 +	-	200	246	1,424	-	-	-	2,816	-
Total	549	881	1,457	2,069	361	145	259	5,294	716
1979									
Number of Structures									
Under 6	-	-	-	-	2	1	3	16	-
6-19	1	1	-	-	2	-	6	12	-
20-49	-	5	3	-	8	-	2	8	9
50-199	2	1	9	1	5	1	2	19	11
200 +	-	-	4	9	-	-	-	24	-
Total	3	7	16	10	17	2	13	79	20
Dwelling Units									
Under 6	-	-	-	-	9	4	12	46	-
6-19	18	7	-	-	15	-	40	112	-
20-49	-	177	87	-	216	-	96	266	303
50-199	271	56	1,014	64	481	124	181	2,168	970
200 +	-	-	959	2,105	-	-	-	6,205	-
Total	289	240	2,060	2,169	721	128	329	8,797	1,273

1) Subsequent data on 1976 Census Area definitions.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.8Apartment Vacancy Rates¹, by Census Metropolitan Area², Ontario, 1974–1979³

	1974	1975	1976	1977	1978	1979
Hamilton	1.5	3.0	3.0	4.2	3.5	1.8
Kitchener	2.5	2.3	2.4	2.6	2.6	1.9
London	2.2	2.4	1.5	1.8	2.3	4.7
Ottawa, city of	2.9	2.3	2.2	1.3	1.5	3.5
St. Catharines-Niagara	3.9	2.9	1.3	1.1	1.4	1.6
Sudbury	5.1	1.2	1.5	1.2	7.0	5.6
Thunder Bay	0.5	0.5	0.2	0.3	1.4	1.7
Toronto	1.1	1.8	1.2	1.0	0.8	1.2
Windsor	1.7	3.6	1.8	0.8	1.1	1.3

¹ Refers to privately initiated Apartment Structures of six units and over only.² Data for 1974–1976 on 1971 Census Area definitions. Subsequent data on 1976 Census Area definitions.³ Data for 1974 relate to the month of December; subsequent data relate to the month of October.Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.**Table 9.9**Consumer Price Indexes¹ by Selected Housing Components and All Items, Canada, 1961–1979

	Shelter								Household Operations			
	Tenancy		Home-Ownership						Total	Fuel And Utilities ²	Housing	All Items
	Rent	Total	Property Taxes	Mortgage Interest	Owner Repairs	Deprecia- tion on Dwellings	Dwelling Insurance					
1961	82.4	81.6	63.1	50.4	63.4	57.5	50.7	57.4	84.6	73.1	75.0	
1962	82.6	81.9	65.6	52.2	63.6	59.0	51.4	59.0	84.0	74.0	75.9	
1963	82.9	82.1	67.1	54.3	65.0	61.0	52.8	60.8	83.2	74.8	77.2	
1964	83.2	82.6	69.3	55.9	67.7	64.5	56.1	63.3	81.9	76.0	78.6	
1965	83.7	83.2	71.8	57.8	70.7	67.6	59.4	66.0	81.6	77.3	80.5	
1966	85.1	84.6	75.2	60.3	73.4	70.7	63.6	68.9	81.6	79.5	83.5	
1967	87.9	87.4	78.2	63.2	77.9	75.7	67.3	72.8	84.6	82.9	86.5	
1968	91.7	91.3	83.4	68.8	82.7	81.0	72.3	78.1	88.0	86.7	90.0	
1969	95.3	94.9	90.7	78.6	86.0	87.2	77.3	85.1	90.1	91.2	94.1	
1970	98.4	98.2	97.3	89.1	93.6	92.9	81.6	92.5	94.3	95.7	97.2	
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1972	101.2	101.5	101.6	108.7	107.6	110.6	124.3	108.0	103.9	104.7	104.8	
1973	102.6	103.2	103.5	120.9	118.3	125.1	154.7	118.8	114.0	111.4	112.7	
1974	105.4	106.2	104.0	136.7	136.6	138.4	175.7	130.3	129.6	121.1	125.0	
1975	111.1	112.0	111.2	156.8	146.4	146.2	212.5	143.6	146.6	133.2	138.5	
1976	118.9	120.0	125.7	179.1	163.6	164.2	266.1	163.4	173.1	148.0	148.9	
1977	126.3	127.6	141.1	198.8	178.8 ¹	179.3	305.6	181.2	199.3	161.9	160.8	
1978	132.9	134.4	153.9	215.0	193.2	193.0	329.1	196.1	223.8	174.1	175.2	
1979	138.9	140.6	161.8	228.0	214.8	200.9	344.6	208.3	244.6	186.2	191.2	

¹ For further information see Statistics Canada, *Prices and Price Indexes*, Catalogue 62–010.² Previously Fuel and Electricity, until December, 1972.Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.10
Water Supply and Source of Water, Canada and Ontario, 1967–1979¹

	Total House- holds ²	Water Supply		No water Piped Inside	Source of Piped Running Water	
		Hot and Cold Inside	Cold only Piped Inside		Community Water Main System	Other ³
'000's						
1967						
Canada	5,293	4,754	289	250	4,201	841
Ontario	1,939	1,848	51	39	1,614	286
1968						
Canada	5,458	4,964	276	218	4,377	862
Ontario	2,003	1,894	76	33	1,679	291
1969						
Canada	5,616	5,265	153	198	4,516	902
Ontario	2,062	2,011	17	34	1,720	308
1970						
Canada	5,784	5,465	152	167	4,702	915
Ontario	2,140	2,088	26	26	1,804	310
1971						
Canada	5,933	5,545	225	163	4,799	971
Ontario	2,208	2,140	44	24	1,846	338
1972						
Canada	6,111	5,719	246	146	4,984	981
Ontario	2,275	2,178	73	24	1,916	335
1973						
Canada	6,301	5,952	210	140	5,183	979
Ontario	2,354	2,269	57	28	1,982	344
1974						
Canada	6,513	6,235	173	105	5,394	1,013
Ontario	2,440	2,373	50	16	2,067	356
1975						
Canada	6,721	6,502	122	97	5,607	1,017
Ontario	2,523	2,481	24	18	2,165	340
1976						
Canada	6,949	6,757	120	72	5,868	1,009
Ontario	2,606	2,570	23	13	2,234	359
1977						
Canada	7,119	6,965	83	71	5,996	1,051
Ontario	2,666	2,643	13	10	2,288	368
1978						
Canada	7,320	7,181	75	63	6,195	1,061
Ontario	2,741	2,720	9	12	2,357	372
1979						
Canada	7,558	7,435	67	56	6,368	1,134
Ontario	2,813	2,791	10	12	2,414	387

¹ For 1973–1975, figures are as of April, all other years, figures are as of May

² See introductory notes of this chapter for an explanation of the coverage

³ Refers to private wells, springs, etc

Source: SC, *Household Facilities and Equipment* (64:202)

Table 9.11
Principal Heating Fuel and Equipment, Canada and Ontario, 1969-1979¹

	Heating Fuel							Heating Equipment								
	Total Households ²	Oil or Other Liquid Fuel ³	Piped Gas	Bottled Gas	Electricity	Coal or Coke	Wood	Other ⁴	Steam or Hot Water Furnaces	Hot Air Furnaces		Heating Stoves	Electricity	Cook Stoves or Ranges	Other ⁵	
										Forced	Other					
								000's								
1969																
Canada	5 616	3 281	1 714	66	195	146	212	--	1 236	2 826	369	828	195	152	12	
Ontario	2 062	1 152	724	11	83	61	31	--	483	1 200	112	167	83	15	--	
1970																
Canada	5 784	3 349	1 872	59	231	97	175	--	1 268	2 986	383	772	231	136	9	
Ontario	2 140	1 182	791	10	91	36	30	--	500	1 268	111	151	91	15	--	
1971																
Canada	5 933	3 406	1 937	70	290	60	165	6	1 420	3 061	294	734	290	123	12	
Ontario	2 208	1 189	843	16	110	16	29	--	560	1 289	91	140	110	14	--	
1972																
Canada	6 111	3 473	1 995	65	390	51	135	--	1 421	3 217	289	653	390	127	14	
Ontario	2 275	1 190	880	13	161	11	19	--	531	1 357	88	123	161	11	4	
1973																
Canada	6 301	3 498	2 120	75	442	38	127	--	1 505	3 314	260	673	441	95	15	
Ontario	2 354	1 214	928	15	164	10	21	--	583	1 393	87	113	164	11	--	
1974																
Canada	6 513	3 492	2 240	70	563	29	115	--	1 552	3 482	243	599	563	77	17	
Ontario	2 440	1 185	999	15	211	5	21	--	605	1 429	67	114	211	9	4	
1975																
Canada	6 721	3 475	2 332	74	706	22	107	5	1 556	3 564	222	578	706	83	13	
Ontario	2 523	1 186	1 046	16	250	--	18	--	592	1 483	65	118	250	9	6	
1976																
Canada	6 949	3 306	2 544	58	913	20	103	5	1 601	3 654	216	469	913	84	11	
Ontario	2 606	1 088	1 176	17	302	--	19	--	600	1 544	63	76	302	16	6	
1977																
Canada	7 119	3 216	2 678	57	1 027	28	108	--	1 623	3 750	220	467	981	64	12	
Ontario	2 666	1 072	1 242	19	306	--	21	--	633	1 582	61	92	287	--	--	
1978																
Canada	7 320	3 189	2 721	55	1 188	32	133		1 654	3 781	230	431	1 142	68	13	
Ontario	2 741	1 102	1 222	16	365	6	29		664	1 584	58	79	343	10		
1979																
Canada	7 558	3 140	2 843	49	1 366	18	140		1 744	3 817	219	408	1 296	56	18	
Ontario	2 813	1 065	1 293	17	400		34		665	1 620	55	84	372	9	9	

1) For 1974, figures are as of April; for 1970, 1972, 1976, 1978 and 1979, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) Includes kerosene.

4) Mainly sawdust.

Table 9.12
Toilet and Installed Bath Facilities, Canada and Ontario, 1967-1979¹

		Households with flush toilets						Households with installed baths or showers					
						Chem- ical Toilets	House- holds without Toilets	Exclusive use			House- holds without Installed Baths or Showers		
Total House- holds ²	Total	One Flush Toilet	Two Flush Toilets ³	Three or More Flush Toilets	Total			One Bath- room	Two or more Bath- rooms	Shared Use			
'000's													
1967													
Canada	5,293	4,902	4,152	750	..	53	339	4,757	..	..	78	536	
Ontario	1,939	1,864	1,500	363	..	8	68	1,847	..	..	24	92	
1968													
Canada	5,458	5,103	4,294	724	85	48	307	4,978	4,575	342	61	480	
Ontario	2,003	1,939	1,563	335	41	7	57	1,925	1,761	145	19	78	
1969													
Canada	5,616	5,285	4,343	825	118	41	290	5,163	4,702	414	47	453	
Ontario	2,062	1,999	1,548	396	55	6	56	1,990	1,788	187	15	72	
1970													
Canada	5,784	5,500	4,498	868	133	43	242	5,366	4,864	446	55	418	
Ontario	2,140	2,088	1,632	396	60	6	46	2,070	1,859	187	23	71	
1971													
Canada	5,933	5,658	4,530	977	151	38	238	5,540	4,981	510	49	393	
Ontario	2,208	2,155	1,636	453	66	7	46	2,142	1,905	224	13	66	
1972													
Canada	6,111	5,868	4,710	1,019	139	37	206	5,757	5,155	551	51	355	
Ontario	2,275	2,232	1,710	460	61	4	40	2,216	1,979	224	12	59	
1973													
Canada	6,301	6,072	4,813	1,092	166	44	186	6,001	5,340	607	54	300	
Ontario	2,354	2,306	1,728	506	72	7	40	2,300	2,021	264	14	54	
1974													
Canada	6,513	6,332	4,921	1,230	181	33	147	6,264	5,494	718	52	249	
Ontario	2,440	2,407	1,768	565	75	5	27	2,401	2,085	303	14	39	
1975													
Canada	6,721	6,549	5,038	1,313	198	31	141	6,510	5,694	769	46	211	
Ontario	2,523	2,488	1,803	595	90	7	28	2,487	2,171	302	13	36	
1976													
Canada	6,949	6,818	5,145	1,420	252	17	114	6,783	5,825	916	42	166	
Ontario	2,606	2,581	1,820	643	118	4	21	2,577	2,181	385	10	30	
1977													
Canada	7,119	6,985	5,152	1,557	275	17	117	6,962	5,970	951	41	157	
Ontario	2,666	2,641	1,857	665	119	5	20	2,641	2,262	370	9	25	
1978													
Canada	7,320	7,176	5,232	1,667	277	19	125	7,183	6,127	998	57	137	
Ontario	2,741	2,702	1,841	747	114	--	34	2,720	2,315	381	--	21	
1979													
Canada	7,558	7,442	5,368	1,757	317	14	102	7,444	6,191	1,212	41	114	
Ontario	2,813	2,786	1,911	760	116	--	25	2,794	2,285	494	16	19	

1) For 1973-1975, figures are as of April; all other years, figures are as of May

2) See introductory note of this chapter for an explanation of the coverage

3) For 1967, read "Two or More Flush Toilets".

Source: SC, *Household Facilities and Equipment*. (64:202)

Table 9.13Electric Refrigerators, Home Freezers, Electric Washing Machines and Clothes Dryers¹, Canada and Ontario, 1967–1979²

	Electric Refrigerators			Home Freezers		Households with Electric Washers		Households without Electric Washers	Households with Clothes Dryers		Households without Clothes Dryers
	Total Households ³	Households with	Households without	Households with	Households without	Automatic ⁴	Other ⁵	Washers	Electric ⁴	Gas	
'000's											
1967											
Canada	5,293	5,147	146	1,464	3,829	1,590	2,920	783	1,678	144	3,471
Ontario	1,939	1,917	22	532	1,407	557	1,049	333	692	76	1,171
1968											
Canada	5,458	5,318	139	1,590	3,868	1,746	2,817	895	1,851	156	3,451
Ontario	2,003	1,984	19	578	1,425	604	1,017	382	749	77	1,176
1969											
Canada	5,616	5,508	108	1,738	3,878	2,044	2,656	916	2,096	177	3,343
Ontario	2,062	2,048	14	651	1,411	709	956	397	830	98	1,134
1970											
Canada	5,784	5,693	92	1,920	3,864	2,339	2,503	943	2,361	200	3,224
Ontario	2,140	2,125	15	699	1,441	797	929	415	898	95	1,147
1971											
Canada	5,933	5,829	104	2,019	3,913	2,340	2,409	1,184	2,354	202	3,377
Ontario	2,208	2,186	22	755	1,453	803	908	497	888	103	1,216
1972											
Canada	6,111	6,029	82	2,174	3,937	2,611	2,206	1,294	2,405	212	3,495
Ontario	2,275	2,259	16	792	1,483	877	812	586	889	106	1,279
1973											
Canada	6,301	6,215	86	2,353	3,948	2,834	2,035	1,432	2,626	214	3,462
Ontario	2,354	2,329	24	866	1,488	956	754	643	940	106	1,308
1974											
Canada	6,513	6,440	72	2,590	3,923	3,190	1,862	1,461	2,905	243	3,365
Ontario	2,440	2,425	15	947	1,492	1,100	681	658	1,023	125	1,292
1975											
Canada	6,721	6,671	50	2,809	3,913	3,506	1,662	1,554	3,232	239	3,251
Ontario	2,523	2,511	12	1,020	1,502	1,185	613	725	1,115	125	1,283
1976											
Canada	6,949	6,891	58	3,021	3,928	3,891	1,403	1,654	3,562	238	3,149
Ontario	2,606	2,594	13	1,155	1,451	1,339	536	731	1,236	124	1,246
1977											
Canada	7,119	7,074	44	3,381	3,738	4,216	1,226	1,676	3,919	260	2,940
Ontario	2,666	2,659	7	1,249	1,417	1,413	473	781	1,319	143	1,205
1978											
Canada	7,320	7,276	44	3,455	3,864	4,328	1,261	1,731	4,100	251	2,968
Ontario	2,741	2,728	13	1,292	1,448	1,477	486	778	1,392	129	1,219
1979											
Canada	7,558	7,515	43	3,696	3,861	4,573	1,152	1,833	4,294	242	3,022
Ontario	2,813	2,801	12	1,362	1,451	1,548	424	841	1,442	127	1,244

¹ Includes only washing machines and dryers inside the dwelling.² For 1973–1975, figures are as of April; all other years, figures are as of May.³ See introductory note of this chapter for an explanation of the coverage.⁴ Combination washer-dryers are included in both electric washing machines and electric dryers.⁵ Mostly wringer-washers.Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.14
Air Conditioners and Automatic Dishwashers, Canada and Ontario, 1967–1979¹

	Total House- holds ²	Households with Air Conditioners		House- holds without Air Condi- tioners ³	House- holds with Auto- matic Dish- washers	House- holds without Auto- matic Dish- washers
		Window Type	Central Unit			
'000's						
1967						
Canada	5,293	168	..	5,125	232	5,061
Ontario	1,939	98	..	1,841	77	1,862
1968						
Canada	5,458	174	..	5,284	277	5,180
Ontario	2,003	104	..	1,899	105	1,898
1969						
Canada	5,616	218	..	5,398	364	5,253
Ontario	2,062	143	..	1,919	141	1,921
1970						
Canada	5,784	246	..	5,538	436	5,348
Ontario	2,140	157	..	1,983	152	1,988
1971						
Canada	5,933	317	..	5,616	510	5,423
Ontario	2,208	197	..	2,010	189	2,019
1972						
Canada	6,111	353	..	5,758	564	5,547
Ontario	2,275	221	..	2,054	191	2,084
1973						
Canada	6,301	417	..	5,885	673	5,628
Ontario	2,354	268	..	2,086	246	2,108
1974						
Canada	6,513	494	166	5,853	839	5,674
Ontario	2,440	331	86	2,023	286	2,154
1975						
Canada	6,721	619	212	5,891	1,023	5,698
Ontario	2,523	407	117	1,998	341	2,181
1976						
Canada	6,949	670	254	6,025	1,296	5,653
Ontario	2,606	463	168	1,974	470	2,136
1977						
Canada	7,119	779	311	6,029	1,550	5,569
Ontario	2,666	501	198	1,967	523	2,143
1978						
Canada	7,320	785	331	6,203	1,774	5,575
Ontario	2,741	514	226	2,001	595	2,146
1979						
Canada	7,558	870	380	6,308	1,984	5,574
Ontario	2,813	555	236	2,021	641	2,172

¹ For 1973–1975, figures are as of April; all other years, figures are as of May.

² See introductory note of this chapter for an explanation of the coverage.

³ This column includes central unit air conditioner totals from 1967–1973.

Source: SC, *Household Facilities and Equipment*, (64:202)

Table 9.15**Automobiles and Garages, Canada and Ontario, 1967-1979¹**

	Households with Automobiles					Garage on Premises ³	
	Total Households ²	One Automobile	Two Automobiles ⁴	Three or More Automobiles	Households without Automobiles	Households with	Households without
	'000's						
1967							
Canada	5,293	3,218	788	..	1,287	2,172	3,122
Ontario	1,939	1,201	345	..	393	889	1,050
1968							
Canada	5,458	3,333	842	..	1,283	2,252	3,206
Ontario	2,003	1,260	370	..	373	937	1,065
1969							
Canada	5,616	3,426	895	..	1,295	2,329	3,287
Ontario	2,062	1,279	387	..	396	982	1,080
1970							
Canada	5,784	3,524	969	..	1,292	2,383	3,401
Ontario	2,140	1,307	427	..	406	1,011	1,129
1971							
Canada	5,933	3,530	1,068	..	1,335	2,266	3,667
Ontario	2,208	1,324	454	..	430	960	1,248
1972							
Canada	6,111	3,592	969	161	1,389	2,383	3,729
Ontario	2,275	1,347	412	66	450	995	1,280
1973							
Canada	6,301	3,613	1,099	198	1,392	2,464	3,838
Ontario	2,354	1,351	471	73	458	1,049	1,305
1974							
Canada	6,513	3,674	1,179	225	1,435	2,521	3,992
Ontario	2,440	1,372	497	89	482	1,100	1,340
1975							
Canada	6,721	3,756	1,296	248	1,421	2,580	4,141
Ontario	2,523	1,400	538	86	499	1,130	1,392
1976							
Canada	6,949	3,820	1,393	301	1,434	2,668	4,281
Ontario	2,606	1,431	571	107	498	1,190	1,416
1977							
Canada	7,119	3,883	1,431	302	1,502	2,652	4,466
Ontario	2,666	1,428	584	112	542	1,154	1,512
1978							
Canada	7,320	3,989	1,445	310	1,574	2,783	4,537
Ontario	2,741	1,467	612	117	545	1,211	1,530
1979							
Canada	7,558	4,138	1,443	313	1,665	2,768	4,790
Ontario	2,813	1,515	595	127	576	1,197	1,616

1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) Excludes carports and communal parking lots in basements of apartment blocks.

4) For 1967-1971, read "Two or More Automobiles".

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.16
Households with Automobiles, Showing Numbers with and without Radios and FM Radios,
Canada and Ontario, 1967-1979¹

	House- holds with Auto- mobiles	Households with One Automobile		Households with Two or More Automobiles		Households with Automobiles	
		Radio- Equipped	Not Radio- Equipped	Radio- Equipped ²	Not Radio- Equipped	With FM Radio	Without FM Radio
'000's							
1967							
Canada	4,006	2,309	909	715	73	..	..
Ontario	1,546	845	356	316	29	..	..
1968							
Canada	4,175	2,512	821	781	61	..	..
Ontario	1,630	946	314	346	24	..	..
1969							
Canada	4,321	2,693	733	836	59	..	..
Ontario	1,666	1,002	277	362	25	..	..
1970							
Canada	4,492	2,855	668	912	57	..	..
Ontario	1,734	1,055	252	402	24	..	..
1971							
Canada	4,598	2,904	627	1,014	53	447	4,151
Ontario	1,778	1,081	243	434	20	167	1,611
1972							
Canada	4,723	3,037	555	1,082	48	571	4,152
Ontario	1,825	1,134	212	461	17	214	1,610
1973							
Canada	4,909	3,117	496	1,250	46	696	4,213
Ontario	1,896	1,166	186	528	16	261	1,634
1974							
Canada	5,078	3,201	473	1,360	44	841	4,237
Ontario	1,958	1,194	178	569	16	304	1,654
1975							
Canada	5,300	3,342	414	1,509	35	1,034	4,266
Ontario	2,024	1,234	166	611	13	387	1,637
1976							
Canada	5,514	3,445	376	1,663	31	1,283	4,231
Ontario	2,108	1,284	147	667	11	490	1,618
1977							
Canada	5,617	3,548	335	1,709	25	1,541	4,076
Ontario	2,124	1,282	146	686	11	600	1,525
1978							
Canada	5,745	3,705	284	1,729	27	1,861	3,885
Ontario	2,196	1,340	127	718	11	713	1,483
1979							
Canada	5,893	3,914	224	1,742	13	2,257	3,636
Ontario	2,238	1,426	89	716	6	883	1,355

1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) At least one automobile is radio-equipped.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.17
Telephone and Radios, Canada and Ontario, 1967–1979¹

	Total Households ²	Telephones				Radios ³				Households without Radios
		Households with			Households without Tele-phones	Households with				
		One	Two ⁴	Three or More		One	Two	Three	Four or More	
'000's										
1967										
Canada	5,294	4,027	828	..	439	2,265	1,506	748	599	175
Ontario	1,939	1,482	365	..	92	743	563	309	255	69
1968										
Canada	5,458	4,160	900	..	397	2,309	1,559	769	647	174
Ontario	2,003	1,517	406	..	80	750	603	312	275	63
1969										
Canada	5,616	4,235	1,037	..	344	2,258	1,599	868	744	147
Ontario	2,062	1,507	476	..	79	740	596	349	326	51
1970										
Canada	5,784	4,290	1,143	..	351	2,210	1,677	918	818	161
Ontario	2,140	1,549	511	..	81	727	637	360	356	60
1971										
Canada	5,933	4,343	1,246	..	344	2,200	1,789	960	823	161
Ontario	2,208	1,565	562	..	81	737	670	386	359	55
1972										
Canada	6,111	4,504	1,087	190	331	2,135	1,833	1,044	953	146
Ontario	2,275	1,634	485	74	83	700	705	418	399	54
1973										
Canada	6,301	4,530	1,238	219	314	2,046	1,880	1,125	1,107	143
Ontario	2,354	1,611	565	99	79	655	719	450	479	50
1974										
Canada	6,513	4,584	1,404	253	271	2,000	1,985	1,220	1,189	119
Ontario	2,440	1,644	615	105	76	667	750	489	487	47
1975										
Canada	6,721	4,674	1,532	275	240	2,009	2,096	1,265	1,236	115
Ontario	2,523	1,661	671	126	65	700	752	511	517	43
1976										
Canada	6,949	4,772	1,637	297	242	2,007	2,182	1,322	1,336	101
Ontario	2,606	1,717	698	126	66	671	792	523	583	37
1977										
Canada	7,119	4,728	1,799	337	254	2,019	2,245	1,368	1,344	142
Ontario	2,666	1,709	742	152	64	677	825	547	564	55
1978										
Canada	7,320	4,822	1,862	379	257	1,858	2,404	1,495	1,449	112
Ontario	2,741	1,684	807	178	72	597	870	598	637	40
1979										
Canada	7,558	4,902	2,012	433	210	2,182	2,417	1,452	1,385	121
Ontario	2,813	1,732	839	188	54	728	878	600	565	43

1) For 1973–1975, figures are as of April; for all other years, figures are as of May.

2) See introductory note of this chapter on explanation of the coverage.

3) All types except automobile radios.

4) For 1967–1971, read "Two or More Telephones".

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.18
Black and White and Colour Television Sets, Canada and Ontario, 1967-1979¹

	Total House- holds ²	T.V. - All Types			Black and White T.V.			Colour T.V.			
		Households with		House- holds without T.V.	Households with		Households without Black and White T.V.	Households with		Households without Colour T.V.	
		One	Two or More		One	Two or More		One	Two or More		
											'000's
1967											
Canada	5,293	4,176	830	287	..	..	..	103	..	5,187	
Ontario	1,939	1,504	359	76	..	..	..	53	..	1,885	
1968											
Canada	5,458	4,232	964	262	..	..	..	229	..	5,227	
Ontario	2,003	1,528	404	71	..	..	..	109	..	1,893	
1969											
Canada	5,616	4,267	1,124	225	..	..	..	438	13	5,165	
Ontario	2,062	1,534	464	63	..	..	..	198	7	1,856	
1970											
Canada	5,784	4,282	1,270	232	..	..	..	682	19	5,084	
Ontario	2,140	1,555	513	72	..	..	..	292	10	1,838	
1971											
Canada	5,933	4,335	1,368	230	..	..	..	1,065	26	4,841	
Ontario	2,208	1,603	537	67	..	..	..	439	12	1,756	
1972											
Canada	6,111	4,407	1,447	258	4,281	838	993	1,444	35	4,632	
Ontario	2,275	1,633	564	77	1,591	310	374	588	13	1,674	
1973											
Canada	6,301	4,353	1,698	251	4,182	813	1,306	2,020	70	4,212	
Ontario	2,354	1,607	667	79	1,555	292	507	812	34	1,508	
1974											
Canada	6,513	4,295	1,981	237	3,997	775	1,741	2,777	122	3,614	
Ontario	2,440	1,594	762	83	1,491	285	663	1,080	51	1,309	
1975											
Canada	6,721	4,366	2,140	215	3,907	650	2,164	3,406	183	3,132	
Ontario	2,523	1,630	823	70	1,463	240	819	1,305	79	1,139	
1976											
Canada	6,949	4,432	2,281	236	3,762	576	2,611	3,958	254	2,737	
Ontario	2,606	1,657	871	78	1,390	222	995	1,520	102	985	
1977											
Canada	7,119	4,516	2,401	202	3,486	522	3,111	4,449	380	2,290	
Ontario	2,666	1,704	890	72	1,300	195	1,171	1,658	150	859	
1978											
Canada	7,320	4,630	2,491	198	3,346	473	3,501	4,811	483	2,026	
Ontario	2,741	1,685	985	71	1,277	196	1,268	1,792	193	756	
1979											
Canada	7,558	4,706	2,683	170	3,314	421	3,823	5,200	598	1,760	
Ontario	2,813	1,736	1,021	56	1,235	146	1,432	1,966	230	618	

¹ For 1973-1975, figures are as of April; all other years, figures are as of May.

² See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.19Record Players and Tape Recorders, Canada and Ontario, 1967-1979¹

	Total Households ²	Households with Record Players and Tape Recorders				Households without Record Players or Tape Recorders
		Total ³	Record Players	Tape Recorders		
				Reel to Reel	Cassette or Other	
'000's						
1967						
Canada	5,293	3,407	3,407	..	..	1,886
Ontario	1,939	1,304	1,304	..	..	635
1968						
Canada	5,458	3,599	3,599	..	..	1,859
Ontario	2,003	1,378	1,378	..	..	625
1969						
Canada	5,616	3,839	3,839	..	..	1,777
Ontario	2,062	1,471	1,471	..	..	591
1970						
Canada	5,784	4,026	4,026	..	..	1,758
Ontario	2,140	1,522	1,522	..	..	619
1971						
Canada	5,933	4,155	4,155	..	..	1,778
Ontario	2,208	1,595	1,595	..	..	613
1972						
Canada	6,111	4,334	4,334	..	..	1,777
Ontario	2,275	1,662	1,662	..	..	613
1973						
Canada	6,301	4,556	4,556	..	..	1,745
Ontario	2,354	1,749	1,749	..	..	605
1974						
Canada	6,513	4,849	4,849	..	..	1,664
Ontario	2,440	1,852	1,852	..	..	588
1975						
Canada	6,721	5,087	5,087	..	..	1,634
Ontario	2,523	1,938	1,938	..	..	585
1976						
Canada	6,949	5,317	5,317	..	..	1,632
Ontario	2,606	2,038	2,038	..	..	568
1977						
Canada	7,119	5,509	5,509	..	..	1,609
Ontario	2,666	2,100	2,100	..	..	566
1978						
Canada	7,320	5,768	5,768	..	..	1,552
Ontario	2,741	2,210	2,210	..	..	531
1979						
Canada	7,558	6,219	5,840	748	3,405	1,339
Ontario	2,813	2,349	2,202	309	1,299	464

1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) Sum of kinds of equipment is greater than total households with equipment since some households have more than one kind.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.20**FM Receivers and Battery/Transistor Radios, Canada and Ontario, 1967–1979¹**

	Total Households ²	FM Receivers ³		Battery-Operated or Transistor Radios ⁴	
		Households with	Households without	Households with	Households without
			'000's		
1967					
Canada	5,293	1,820	3,473	2,599	2,694
Ontario	1,939	777	1,162	977	962
1968					
Canada	5,458	2,204	3,254	2,810	2,648
Ontario	2,003	936	1,067	1,050	953
1969					
Canada	5,616	2,692	2,924	3,150	2,467
Ontario	2,062	1,133	929	1,155	907
1970					
Canada	5,784	3,060	2,724	3,229	2,486
Ontario	2,140	1,255	885	1,226	914
1971					
Canada	5,933	3,416	2,517	3,522	2,411
Ontario	2,208	1,400	808	1,294	914
1972					
Canada	6,111	3,815	2,296	3,816	2,295
Ontario	2,275	1,559	715	1,381	893
1973					
Canada	6,301	4,235	2,066	4,093	2,208
Ontario	2,354	1,715	638	1,521	832
1974					
Canada	6,513	4,665	1,847	4,191	2,322
Ontario	2,440	1,851	588	1,534	905
1975					
Canada	6,721	5,089	1,632	4,238	2,483
Ontario	2,523	2,002	521	1,542	981
1976					
Canada	6,949	5,317	1,632	4,155	2,794
Ontario	2,606	2,094	512	1,534	1,072
1977					
Canada	7,119	5,858	1,261	4,082	3,036
Ontario	2,666	2,254	412	1,443	1,223
1978					
Canada	7,320	6,160	1,159	4,049	3,270
Ontario	2,741	2,383	358	1,454	1,287
1979					
Canada	7,558	6,508	1,049	3,804	3,754
Ontario	2,813	2,498	315	1,345	1,468

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See the introductory note of this chapter for an explanation of the coverage.

3) Includes all types of FM receivers except those in automobiles.

4) Includes all types of battery-operated or transistor radios which can be operated without a plug.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.21Snowblowers and Lawn-mowers, Canada and Ontario, Selected Years, 1968-1978¹

	1968		1970		1972	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
Total Households ²	5,458	2,003	5,784	2,140	6,111	2,275
Snowblowers						
Households with	..	..	..	..	278	122
Households without	..	..	..	..	5,834	2,153
Lawn-mowers						
Powermowers	2,360	1,001	2,716	1,123	2,966	1,206
Gasoline	1,892	833	2,050	882	2,167	919
Electric	469	168	665	241	799	288
Hand	694	319	605	293	523	264
Households without Lawn-mowers	2,403	682	2,464	725	2,622	804

Table 9.21 (cont'd)

	1974		1976		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
Total Households ²	6,513	2,440	6,949	2,606	7,320	2,741
Snowblowers						
Households with	421	172	545	209	695	271
Households without	6,092	2,268	6,404	2,398	6,625	2,470
Lawn-mowers						
Powermowers	3,202	1,247	3,556	1,412	3,893	1,492
Gasoline	2,254	907	2,457	993	2,715	1,041
Electric	948	340	1,099	419	1,178	451
Hand	447	232	381	211	298	161
Households without Lawn-mowers	2,864	961	3,011	983	3,129	1,088

1) For 1974, figures are as of April; for 1968, 1970, 1972, 1976 and 1978, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*, (64-202)

Media and Communications

Highlights

- **Telephone and Telegraph** — In 1978 the telephone exchange showing the highest number of telephones per 100 population was Ottawa with 84.3 followed by Toronto with 81.8 and Cooksville with 76.6.

There were 7.9 billion telephone calls in 1978 in Ontario. This represents a 2.7 per cent increase from the previous year. In 1978 there were 1,293 local calls per telephone and 71 long distance calls per telephone for a total of 1,364. In terms of total calls per capita, the 1978 mark of 933 for Bell Canada in Ontario is a 2.2 per cent increase from the previous year and compares with 1,020 calls per capita for the rest of Canada.

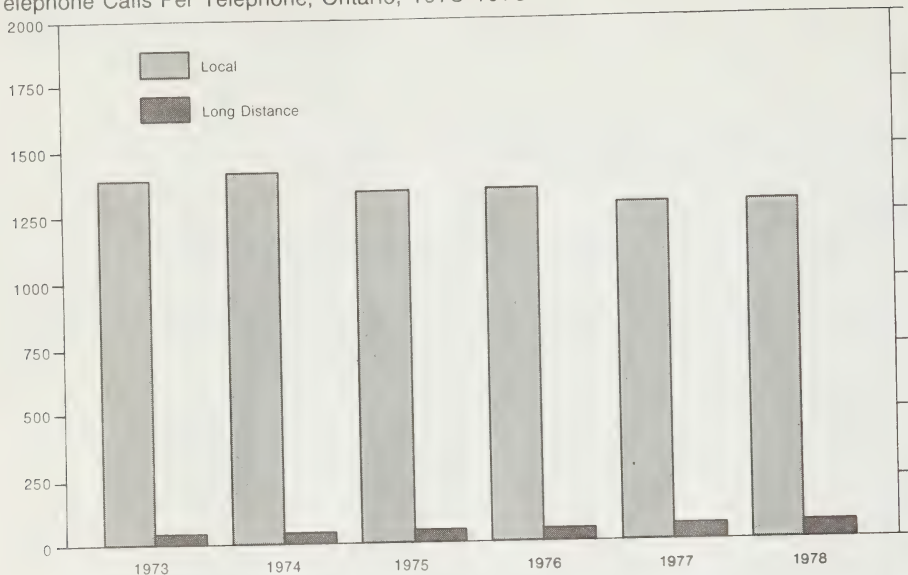
The number of telegrams sent in Ontario in 1978 totalled 0.9 million, a 1.7 per cent decrease from the 1977 figure and 63.1 per cent below the 1971 mark of 2.4 million.
- **Radio and Television** — Of the 111 originating television stations in Canada in 1980, Ontario had 31.5 per cent. There are a total of 131 stations in Ontario, 35 of which are originating stations and 96 rebroadcasters.

Of the 385 originating AM stations in Canada 25.7 per cent in Ontario. Of the 178 originating FM stations, 44.9 per cent broadcast in Ontario. 6.1 per cent of the 179 originating radio stations in Ontario broadcast in languages other than English.
- **Print** — In 1978, of a total stock of 44.8 million books in all Canadian public libraries, 22.7 million or 50.8 per cent were in Ontario libraries.

Of the three leading newspapers in Toronto (The Star, The Globe and Mail and The Sun), The Star represented 49.8 per cent of the circulation in 1979.

Graph 10.A

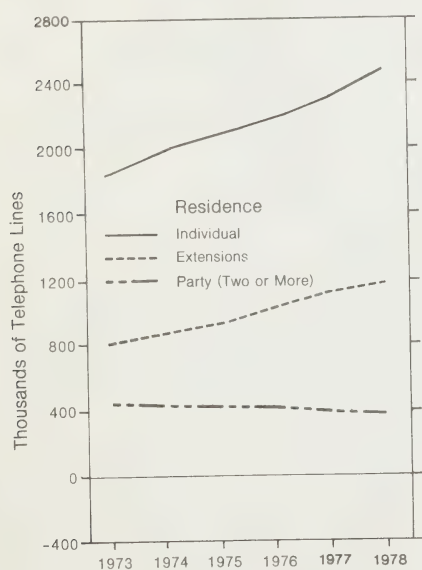
Telephone Calls Per Telephone, Ontario, 1973-1978



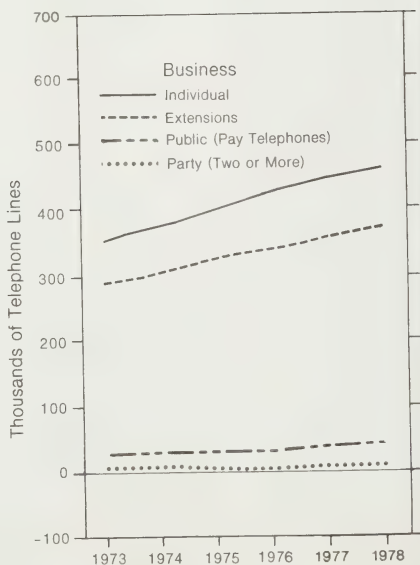
Refer to Table 10.2.

Graph 10.B

Telephones by Type of Service, Ontario, 1973-1978



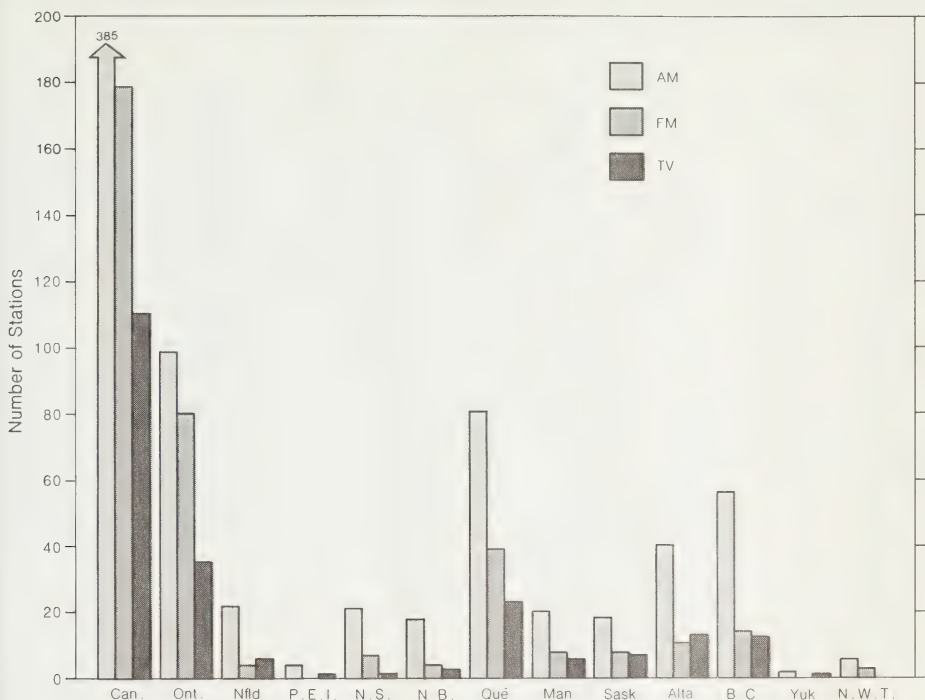
Refer to Table 10.3.



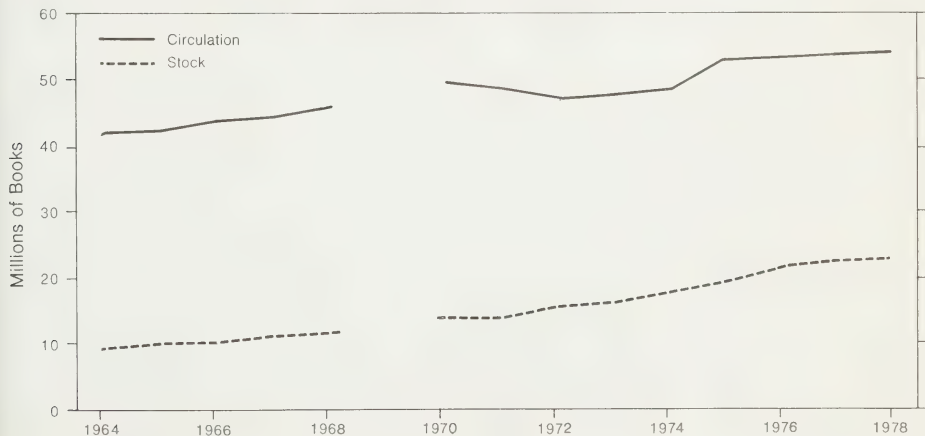
Refer to Table 10.3

Graph 10.C

AM, FM and TV Originating Stations, Canada and Provinces, March, 1980



Refer to Tables 10.5 and 10.6

Graph 10.DStock and Circulation for all Public Libraries, Ontario, 1964-1978¹¹No values for 1969

Refer to Table 10.7

Table 10.1

Telephones in Selected Telephone Exchanges, Ontario, 1978

	Residence	Business	Total	Number of Telephones Per 100 Population
Toronto ²	1,120,623	621,137	1,741,760	81.8
Ottawa ¹	240,331	166,750	407,081	84.3
Hamilton	155,859	63,356	219,215	70.1
London	135,933	56,562	192,495	75.6
Windsor	99,556	35,522	135,078	70.3
Kitchener-Waterloo	95,956	35,922	131,878	70.9
St. Catharines	66,823	21,926	88,749	59.0
Thunder Bay	55,519	32,877	88,396	74.1
Cooksville	60,209	25,501	85,710	76.6
Kingston	49,678	22,418	72,096	68.9
Oshawa	58,846	16,779	75,625	64.5
Sudbury ³	42,657	19,707	62,364	64.2
Burlington	54,673	14,462	69,135	61.4
Brampton	58,591	19,969	78,560	61.5
Guelph	39,718	14,917	54,635	68.7
Sault Ste. Marie	37,233	13,035	50,268	61.2
Sarnia	33,950	15,566	49,516	69.4
Peterborough	34,783	14,508	49,291	68.5
Niagara Falls	33,826	12,766	46,592	64.9
North Bay	23,669	10,829	34,498	65.5
Chatham	24,696	9,773	34,469	61.9
Barrie	23,538	10,670	34,208	64.5
Cornwall	22,284	9,133	31,417	62.2

1) Includes Hull, Quebec.

2) Includes Weston, Willowdale-Don Mills, New Toronto-Islington, Scarborough, Agincourt.

3) Includes Copper Cliff.

Source: SC, *Telephone Statistics*, (56-203)

Table 10.2
Telephone Calls, Canada and Ontario¹, 1973–1978

	Telephone Calls			Calls Per Telephone			Total Calls Per Capita
	Local	Long Distance	Total	Local	Long Distance	Total	
1973							
Canada	18,396,642,840	658,248,372	19,054,890,212	1,575	56	1,631	854
Ontario	10,824,511,461	421,568,391	11,246,079,852	1,415	56	1,471	795
1974							
Canada	19,936,758,111	764,248,373	20,701,006,484	1,601	61	1,662	914
Ontario	11,717,950,961	477,372,169	12,195,323,130	1,446	59	1,505	851
1975							
Canada	20,340,604,808	853,504,660	21,194,109,648	1,545	65	1,610	922
Ontario	11,605,530,453	522,443,105	12,127,973,558	1,363	61	1,424	836
1976							
Canada	21,301,348,468	917,812,442	22,219,160,910	1,534	66	1,600	953
Ontario	6,948,953,215	356,657,927	7,305,611,142	1,299	68	1,367	870
1977							
Canada	22,249,409,663	991,434,363	23,240,844,026	1,536	68	1,604	991
Ontario	7,336,043,177	372,325,955	7,708,369,132	1,316	68	1,384	913
1978							
Canada	22,986,788,127	1,082,618,745	24,069,406,872	1,515	71	1,586	1,020
Ontario	7,508,116,242	405,819,800	7,913,936,042	1,293	71	1,364	933

1) 1973–1975 includes data of Bell Canada, which operates in Québec, Ontario and the Northwest Territories.

Source: SC, *Telephone Statistics*, (56–203)

Table 10.3
Telephones by Type of Service, Canada and Ontario, 1973–1978

	On Individual Lines		On 2 (or more) Party lines		Extensions		Public Pay Telephones	Other Types ¹	Total Telephones
	Residence	Business	Residence	Business	Residence	Business			
1973									
Canada	5,121,108	954,687	1,316,325	33,813	1,811,579	795,424	83,987	1,560,521	11,677,444
Ontario	1,974,336	357,874	456,826	9,676	804,809	292,583	30,927	664,274	4,588,305
1974									
Canada	5,464,034	1,005,782	1,287,891	35,144	2,010,622	835,049	85,835	1,729,974	12,454,331
Ontario	2,102,533	379,602	432,612	10,826	874,414	310,156	32,023	715,371	4,857,537
1975									
Canada	5,769,742	1,086,725	1,272,583	34,076	2,194,210	904,922	89,431	1,813,321	13,165,010
Ontario	2,207,281	404,290	424,232	9,082	932,104	327,437	33,719	753,564	5,091,709
1976									
Canada	6,052,752	1,148,650	1,255,480	34,440	2,450,174	958,662	92,663	1,892,234	13,885,055
Ontario	2,307,055	424,837	413,082	9,012	1,040,237	342,431	35,040	777,554	5,349,248
1977									
Canada	6,324,122	1,208,711	1,222,678	34,421	2,632,349	1,002,421	97,674	1,965,405	14,487,781
Ontario	2,408,511	445,475	395,946	8,716	1,117,539	356,779	37,750	803,351	5,574,067
1978									
Canada	6,626,576	1,277,360	1,187,938	33,926	2,829,060	1,059,658	102,564	2,054,491	15,171,573
Ontario	2,504,211	467,465	380,732	7,982	1,198,976	372,074	40,446	833,621	5,805,507

1) Other types include mobile, centrex, and PBX telephones as well as Wide Area Telephone service lines (WATS).

Source: SC, *Telephone Statistics*, (56–203)

Table 10.4

Summary of Pole Line, Wire Mileage, Number of Offices and Telegrams Sent, Canada and Ontario, 1971-1978

	Pole Line Mileage ¹	Wire Mileage	Number of Offices	Telegrams Sent
1971				
Canada	42,328	739,836	1,082	5,887,962
Ontario	10,700	172,795	235	2,371,740
1972				
Canada	40,267	761,545	821	5,051,696
Ontario	9,638	177,212	150	1,758,148
1973				
Canada	37,832	754,608	805	3,454,264
Ontario	9,493	169,775	140	1,054,838
1974				
Canada	35,787	748,065	554	3,743,340
Ontario	8,679	147,708	88	1,278,421
1975				
Canada	32,152	767,609	443	4,115,209
Ontario	6,935	144,365	71	1,454,705
1976				
Canada	30,500	813,770	402	2,746,945
Ontario	6,731	143,385	60	1,062,594
1977				
Canada	28,543	846,445	347	2,311,817
Ontario	5,845	162,750	42	891,788
1978				
Canada	26,623	877,358	195	2,225,408
Ontario	5,545	136,070	30	876,218

1) Excludes pole line mileage in Canada leased from telephone and power companies.

Source: SC, *Telecommunications Statistics*, (56-201)

Table 10.5

Television Stations, by Language, Canada and Provinces, March 1980

	Originating Stations ¹				Rebroadcasters ²				Total TV Stations
	Eng.	Fr.	Multi. ³	Total	Eng.	Fr.	Multi. ³	Total	
Canada	83	27	1	111	797	191	1	989	1,100
Ontario	32	2	1	35	66	30	-	96	131
Newfoundland	6	-	-	6	110	3	-	113	119
Prince Edward Is.	1	-	-	1	1	1	-	2	3
Nova Scotia	4	-	-	4	33	8	-	41	45
New Brunswick	1	2	-	3	15	8	-	23	26
Québec	3	20	-	23	32	101	1	134	157
Manitoba	4	1	-	5	45	8	-	53	58
Saskatchewan	7	-	-	7	65	12	-	77	84
Alberta	12	1	-	13	89	10	-	99	112
British Columbia	12	1	-	13	296	9	-	305	318
Yukon	1	-	-	1	18	-	-	18	19
Northwest Territories	-	-	-	-	27	1	-	28	28

1) Originating Stations; originate (in whole or in part) a daily program schedule.

2) Rebroadcasting Stations; rebroadcast the program schedule of another station.

3) Multilingual Stations; broadcast in languages other than English or French.

Source: Canadian Radio-Television and Telecommunications Commission.

Table 10.7**Stock¹ and Circulation for All Public Libraries, Canada and Ontario, 1960-1978**

	Stock		Circulation	
	Canada	Ontario	Canada	Ontario
			'000's	
1960	13,867	6,701	56,187	30,186
1961	14,528	7,287	60,268	33,189
1962	15,580	7,637	65,144	35,782
1963	16,609	8,133	70,418	38,640
1964	18,981	9,221	76,178	41,723
1965	20,192	9,709	78,289	42,091
1966	20,573	9,737	80,824	43,651
1967	21,635	10,464	81,789	44,441
1968	23,009	10,927	88,856	46,218
1969	..	..	..	..
1970	26,926	13,607	96,324	49,842
1971	27,647	13,700	97,337	49,324
1972	30,805	15,711	95,565	47,807
1973	33,018	16,889	99,334	48,619
1974	34,870	18,018	100,938	49,642
1975	37,795	19,434	108,044	53,108
1976	40,121	21,643	112,240	53,633
1977	42,722	22,194	114,648	53,548
1978	44,753	22,732	116,173	54,156

¹⁾ Stock includes books and other materials catalogued as books, newspapers and periodical titles, audio-visual, microfilm and other non-print.

Source: SC, Education, Science and Culture Division.

Table 10.8
Circulation¹ of Selected Daily Newspapers, Ontario, 1974–1978

		1974		1975		1976	
		Excluding Bulk ⁸	In City Zone ²	Excluding Bulk ⁸	In City Zone ²	Excluding Bulk ⁸	In City Zone ²
Total Circulating							
Toronto	Star ³	502,802	409,681 ⁴	484,427	395,928 ⁴	488,942	398,069 ⁴
	Globe and Mail ³	264,373	116,396	251,126	186,978 ⁹	259,042	190,873 ⁹
	Sun ³	107,662	92,074	108,494	101,251 ¹⁰	125,783	117,750 ¹⁰
Hamilton	Spectator	136,338	108,578	136,149	108,799	137,579	110,214
London	Free Press ⁵	127,170	61,153	123,721	59,987	124,798	60,040
Ottawa	Citizen ⁵	94,459	74,433	92,513	72,549	98,866	77,400
	Journal ⁵	87,507	55,027	81,499	51,935	81,194	50,706
	Le Droit ⁵	42,980	30,873	42,870	31,206	42,778	31,408
Windsor	Star ⁵	84,370	58,883	84,248	59,256	84,004	59,791
Kitchener	Record	62,224	41,059	63,762	41,802	64,348	42,262
St. Catharines	Standard	38,563	28,555	39,717	29,377	41,043	30,293
Sudbury	Star ⁵	38,296	19,623	34,096	17,769	35,062	18,413
Kingston	Whig-Standard	33,260	18,264	33,997	18,430	35,401	18,902
	Times-News/Chronicle-Journal ⁶	32,708	25,995	31,901	25,146	33,232	26,030
Brantford	Expositor	28,315	17,851	28,255	17,990	28,558	18,200
Oshawa	Times	25,061	21,285	24,602	21,030	23,635	21,061
Peterborough	Examiner	25,050	15,370	23,780	15,063	24,037	15,393
Sault Ste. Marie	Star	23,140	18,458	22,706	18,028	23,292	18,411
Niagara Falls	Review	19,851	16,167	19,851	16,066	19,852	16,247
Welland	Tribune	18,826	14,215	17,705	13,746	18,262	14,159
Guelph	Mercury	18,188	13,765	17,474	13,637	17,187	13,828
Cornwall	Standard						
	Freeholder ³	15,053	10,315	14,665	10,138	15,226	10,390
Cambridge	Daily Reporter	13,700	12,290	13,564	12,170	13,707	12,363
	Daily Times ³	8,555	6,388	8,555	6,240	8,427	7,168
Brampton							

Table 10.8 (cont'd)Circulation¹ of Selected Daily Newspapers, Ontario, 1974-1979

		1977		1978		1979	
		Excluding Bulk ⁶	In City Zone ²	Excluding Bulk ⁶	In City Zone ²	Excluding Bulk ⁶	In City Zone ²
Total Circulating							
Toronto	Star ³	492,254	399,606 ⁴	486,286	393,630 ⁴	485,084	387,380
	Globe and Mail ³	262,821	190,650 ⁹	263,079	191,697 ⁹	280,034	202,266
	Sun ³	143,378	132,483 ¹⁰	175,604	153,999 ¹⁰	209,381	180,765
Hamilton	Spectator	139,960	112,251	143,618	115,237	144,473	116,035
London	Free Press ⁵	125,042	60,877	130,027	64,071	130,402	64,866
Ottawa	Citizen ⁵	107,149	83,127	109,737	84,548	117,859	88,984
	Journal ⁵	77,728	47,113	71,604	43,355	66,559	38,972
	Le Droit ⁵	44,849	32,179	45,035	32,009	46,187	32,237
Windsor	Star ⁵	85,953	60,931	88,362	62,305	88,938	63,345
Kitchener	Record	66,352	43,440	68,396	44,269	69,724	44,893
St. Catharines	Standard	42,223	30,875	42,694	31,259	43,234	31,632
Sudbury	Star ⁵	34,337	17,859	33,072	18,306	34,167	18,490
Kingston	Whig-Standard	35,198	18,471	36,253	18,586	36,579	18,369
Thunder Bay	Times-News/Chronicle-Journal ⁶	33,529	25,629	33,612	25,685	35,092	27,014
Brantford	Expositor	29,655	18,928	30,469	19,620	31,226	20,180
Oshawa	Times	24,201	21,285	24,035	21,266	24,009	21,247
Peterborough	Examiner	24,034	15,291	23,712	15,388	22,767	15,081
Sault Ste. Marie	Star	23,292	18,411	24,185	19,010	25,642	19,963
Niagara Falls	Review	20,425	16,984	20,820	17,220	21,258	17,619
Welland	Tribune	18,692	14,950	18,826	14,885	18,864	14,977
Guelph	Mercury	16,406	13,357	17,190	13,903	17,530	14,224
Cornwall	Standard						
	Freeholder ³	15,601	10,632	16,116	10,973	16,711	11,421
Cambridge	Daily Reporter	13,707	12,363	13,173	11,942	13,386	12,173
Brampton	Daily Times ³	8,005	6,790	8,219	7,627	8,591	7,750

1) Circulation is for 12 month periods ending December 31 unless otherwise noted. It represents the daily average paid circulation.

2) City zone refers to the corporate limits of the particular urban area.

3) Circulation is for 12 month periods ending September 30.

4) In 1974, the Star stopped reporting "City Zone Circulation". These figures represent, instead, the Star's "Primary Market Area" which, in this case, is coextensive with the Census Metropolitan Area (CMA).

5) Circulation is for 12 month periods ending March 31.

6) Circulation is for 12 month periods ending June 30.

7) These figures are a total for the "Time-Journal" and "News Chronicle" before they merged.

8) Excluding bulk refers to those newspaper copies which are purchased by an agent such as an airline, restaurant, hotel etc. and distributed free to clients of the agent as a means of promoting the agents' business. It is not considered paid circulation under the Audit Bureau regulations.

9) In 1975, the Globe and Mail stopped reporting "City Zone Circulation". These figures represent, instead, the Globe and Mail's "Primary Market Area" (PMA). The PMA for the Globe and Mail is not coextensive with the CMA but rather is that area in which it gives primary advertising and editorial coverage.

10) In 1975, the Sun stopped reporting "City Zone Circulation". These figures represent, instead, the Sun's "Primary Market Area" which, in this case, is coextensive with the Census Metropolitan Area (CMA).

Source: Audit Bureau of Circulations.

Table 10.9
Selected Magazines Ranked by Circulation¹, Canada and Ontario, 1974–1979

	1974		1975		1976	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Reader's Digest	1,229,128	575,664	1,164,497	518,250	1,169,458	501,392
Chatelaine (English)	962,830	439,231	1,009,767	467,151	969,178	450,836
T.V. Guide	906,698 ²	607,982 ²	928,629	586,699	1,006,842 ¹	610,117 ¹
Maclean's	708,906	322,584	720,274	321,521	653,720	297,840
Time	545,149	233,762	513,910	220,604	354,804	149,418
Legion	412,855	152,699	440,953	162,347	466,248	171,639
Chatelaine (French)	260,738	12,906	297,263	13,256	264,028	13,397
Selection du Reader's Digest (French)	254,196	7,705	253,329	7,950	268,810	7,783
T.V. Hebdo (French)	266,334	4,044	234,384	3,561	285,424	3,729
Miss Chatelaine	156,799	65,999	147,577	66,404	171,470	81,105
L'Actualité ³	150,061	9,480	147,092	8,075	249,973	12,029
Toronto Life	25,232	24,859	42,578	42,001	53,105	52,220

Table 10.9 (cont'd)
Selected Magazines Ranked by Circulation¹, Canada and Ontario, 1974–1979

	1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Reader's Digest	1,208,624	502,232	1,226,781	515,165	1,226,482	502,571
Chatelaine (English)	992,738	457,784	1,018,931	485,404	990,869	474,130
T.V. Guide ²	1,056,231	637,453	1,067,632	632,206	1,055,283	572,506
Maclean's	653,963	294,226	660,660	299,897	629,631	292,488
Time	335,346	137,827	348,638	141,678	327,024	133,536
Legion	490,122	178,437	495,679	179,849	506,975	182,343
Chatelaine (French)	277,730	12,688	275,261	14,997	276,799	10,471
Selection du Reader's Digest (French)	298,826	9,907	302,564	9,323	305,973	9,363
T.V. Hebdo (French)	430,937	5,305	291,222	3,768	290,361	3,371
Miss Chatelaine ⁴	186,379	82,721	165,298	79,555	162,315	76,071
L'Actualité ³	237,302	11,672	232,313	12,059	236,211	11,017
Toronto Life	63,365	62,154	69,914	68,482	69,936	67,839

¹ Circulation figures are based on a selected issue of the particular magazine for each year.

² Refers to Toronto–Lake Ontario Issue. This magazine is now Canadian owned. In previous years circulation was derived from the surplus of U.S. sales.

³ Merger of Le Maclean and L'Actualité.

⁴ Name changed to Flare in 1979.

Source: Audit Bureau of Circulations.

Part 2

Economic Series

Labour

Highlights

• **Labour Force** — Participation rates by women in the labour force in 1979 were the highest they have been in the period 1953–1979 in Ontario. The rate was 53.3 per cent (of the population 15 years of age and over), up from 51.5 per cent (of the population 15 years of age and over) in 1978. The male participation rate in 1979 in Ontario was 80.6 per cent. The highest participation rate in Ontario in 1979 occurred in the 25–44 age bracket where 81.1 per cent of the population were part of the labour force.

In 1979, of 4.3 million persons in the labour force in Ontario, 59.1 per cent were male and 40.9 per cent were female. In Canada, 60.7 per cent of 11.2 million persons in the labour force were male and 39.3 per cent were female. Of Ontario's labour force in 1979, 154,000 (up 11.6 per cent from 1978) were classified as being in the agricultural labour force. Of such persons, 70.1 per cent were male.

• **Employment** — From 1969 to 1979 the Ontario labour force grew from 3.0 million to 4.3 million, an increase of 42.2 per cent. In 1979, the service industry accounted for 39.5 per cent; manufacturing for 25.0 per cent; trade for 16.9 per cent; transportation and other utilities for 7.2 per cent; construction for 6.0 per cent; and primary industries 4.7 per cent.

In 1979, average hourly earnings in manufacturing were \$7.48, Sarnia had an average hourly earning in manufacturing of \$9.87 while Toronto's was \$6.95. Average weekly hours worked in manufacturing in Ontario in 1979 was 39.4; for Canada, the figure was 38.8 hours.

With 1961 as the base year, the employment index for the industrial composite for Canada increased to 150.7 in 1979, to 155.3 for Ontario and to 180.6 and 166.6 for Ottawa-Hull and Toronto, respectively. In the service industries, the employment index for Canada was 271.3 for Ontario 284.1 for Ottawa-Hull 323.1 and for Toronto 300.5.

From 1978 to 1979 the employment index for the industrial composite in Ontario rose 4.1; in that period, male employment increased 2.7 per cent and female employment rose 6.4 per cent. For 1973 to 1974 the employment index for the industrial composite in Ontario had increased by 6.3. During the period 1978 to 1979, employment in the service industries (including finance and public administration) increased 3.1 per cent, while employment in the manufacturing industries increased from 943,000 to 1,011,000. The service industries accounted for 40.0 per cent of Ontario's 4.0 million jobs.

In 1979, 6.5 per cent of the labour force was unemployed in Ontario. There were 280,000 unemployed persons in Ontario in 1979 (based on the annual average). Of these, 31,000 or 11.1 per cent were not members of family units; of the 88.9 per cent unemployed who were members of family units, 28.0 per cent were heads of the units and 37.6 per cent were single sons or daughters.

Of the 280,000 who were unemployed in Ontario in 1979 (based on annual averages), 18.9 per cent were classified in the processing occupations, 15.0 per cent were clerical, and 9.6 per cent were in construction.

65.0 per cent of the unemployed in Ontario in 1979 were jobless for a period under 3 months.

Of 39,500 job vacancies in Canada in the fourth quarter of 1978, 43.8 per cent were in Ontario. Of the job vacancies in the fourth quarter in Ontario, 15.0 per cent were in the clerical and related occupations and 19.7 per cent were in the product fabricating. By industry, 43.4 per cent of the Ontario fourth quarter vacancies were in manufacturing and 21.4 per cent were in community, business and personal services.

• **Industrial Relations** — The 3.1 million union members in Canada in 1977 represented an increase of 3.5 per cent over the previous year's total. In 1977, Ontario had 35.8 per cent of the union members in Canada.

Of a total of 7,568 collective agreements of reporting labour organizations in Ontario in 1977, 76.2 per cent involved international unions.

Ontario lost over 2.5 million person-days during 1979 because of strikes and lockouts, a decrease of 14.9 per

cent from 1978. The number of employees involved was 106,629, or 346 per strike or lockout; and averaged 23.7 man-days per employee involved in a strike or lockout.

Definitions

Labour Force — The civilian labour force is composed of that portion of the civilian non-institutional population 15 years of age and over (14 years of age and over before 1975) who, during the reference week, were employed or unemployed. Note regarding labour force data in this section: Data for 1975 and on are based on the Revised Labour Force Survey introduced in January, 1976. Data shown prior to 1975 are based on the former survey and are not revised.

Employed — The employed includes all persons who, during the reference week:

- (a) did any work for pay or profit;
- (b) did any work which contributed to the running of a farm or business operated by a related member of the household; or
- (c) had a job but were not at work, because of bad weather, illness, industrial dispute, or vacation, or because they were taking time off for other reasons.

Not in the Labour Force — Those not in the labour force include all civilians 15 years of age and over (14 years of age and over before 1975), exclusive of institutional population, who are not classified as employed or unemployed. This category includes those going to school, keeping house, too old or otherwise unable to work, and voluntarily idle or retired. Housewives, students and others who worked part-time are classified as employed. If they looked for work they are classified as unemployed.

Participation Rate — The participation rate represents the labour force as a percentage of the population 15 years of age and over (14 years of age and over before 1975). The participation rate for a particular group (age, sex, marital status, etc.) is the labour force in that group expressed as a percentage of the population for that group. Seasonally-adjusted participation rates are obtained by direct adjustment (i.e. by dividing the unadjusted participation rate by the seasonal factor).

Industrial Composite — Represents the sum of the industries included in the mail survey of the Labour Division of Statistics Canada.

Unemployment Rate — The unemployment rate represents the number of unemployed persons as a per cent of the labour force. The unemployment rate for a particular group (age, sex, marital status, etc.) is the unemployment in that group expressed as a per cent of the labour force for that group. Seasonally-adjusted rates are calculated by dividing seasonally-adjusted unemployment by the sum of seasonally-adjusted employment and seasonally-adjusted unemployment (i.e. seasonally-adjusted labour force by summation).

Unemployed — The unemployed includes all persons who, through the reference week:

- (a) were without work and seeking work, i.e., did not work during the reference week and were looking for work or would have been looking for work except that they were temporarily ill, were on indefinite or prolonged layoff, or believed no suitable work was available in the community; or
- (b) were temporarily laid off for the full week, i.e., were waiting to be called back to a job from which they had been laid off for less than 30 days.

The Unemployed: Family Data — A family unit is defined as "a group of two or more persons living together in the same dwelling and who are related by blood, marriage or adoption". A person living alone or who is related to no one else in the dwelling where he lives is classified as "Non-members of family units". The head of a family unit is defined generally as the person who is mainly responsible for the maintenance of the unit, however, in families consisting of husband and wife (with or without unmarried children), the husband is designated as the head. In families composed of parent and unmarried child (or children), the parent invariably is recorded as the head of the unit.

Job Vacancy Statistics — Job vacancy data are obtained through a twice monthly sample survey conducted by mail to employers representing approximately 90% of employment in Canada. The survey does not cover agriculture, domestic service, the military and fishing and trapping.

Job vacancies reported must meet the following conditions:

- (a) Jobs must be available immediately (current vacancies);
- (b) Jobs must be vacant for the entire survey day;

- (c) Jobs must be available to persons outside the firm;
- (d) must be jobs which employers tried to fill within four weeks prior to survey day (by advertising, contacting Canada Manpower Centres, interviewing walk-ins, etc.).

The basis of the occupation classification of published vacancy data is the *Canadian Classification and Dictionary of Occupations 1971*. The industrial classification is based on the 1960 *Standard Industrial Classification*.

Full-time vacancies – Vacancies for jobs with minimum duration of four full standard work weeks or full standard work month.

Own Account Workers – Self-employed workers having no employees under them.

AFL-CIO – American Federation of Labor – Congress of International Organizations.

CLC – Canadian Labour Congress.

CSD – La Centrale des Syndicats Démocratiques.

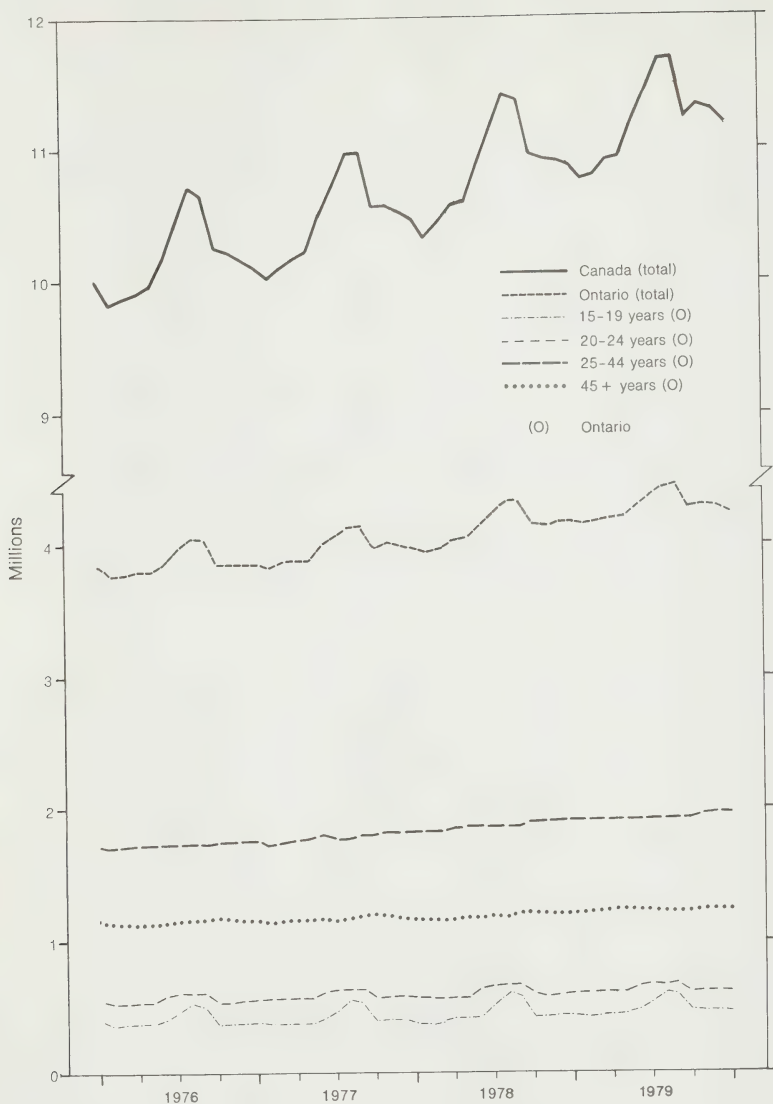
CNTU – Confederation of National Trade Unions.

PSAC – Public Service Alliance of Canada.

International Union – A union having headquarters, executive personnel and preponderant membership in the United States.

National Union – Includes national and regional labour unions with headquarters in Canada.

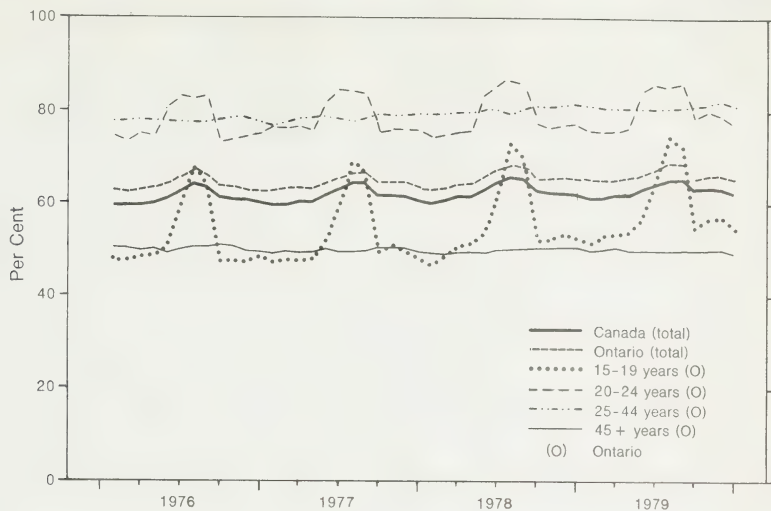
Government Employees' Organizations – Refer to federal and provincial levels of government having bargaining rights covered by legislation.

Graph 11.AThe Labour Force, Ontario, 1976-1979¹

Source: SC., Labour Force Survey Division.

Graph 11.B

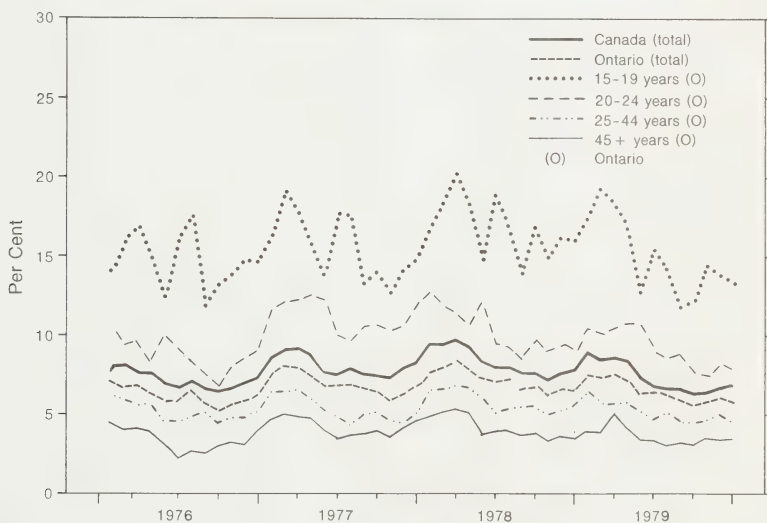
Participation Rates of Population 15 Years of Age and Over, Canada and Ontario, 1976-1979



Source: SC, Labour Force Survey Division.

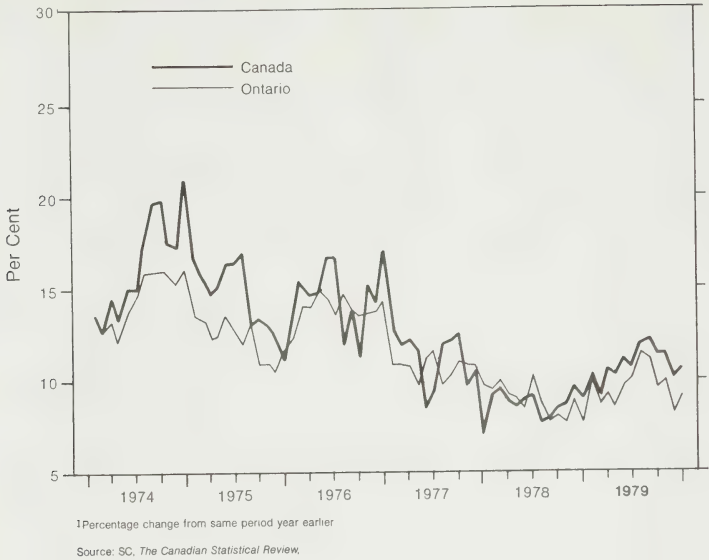
Graph 11.C

Unemployment Rates of Population 15 Years and Over, Canada and Ontario, 1976-1979

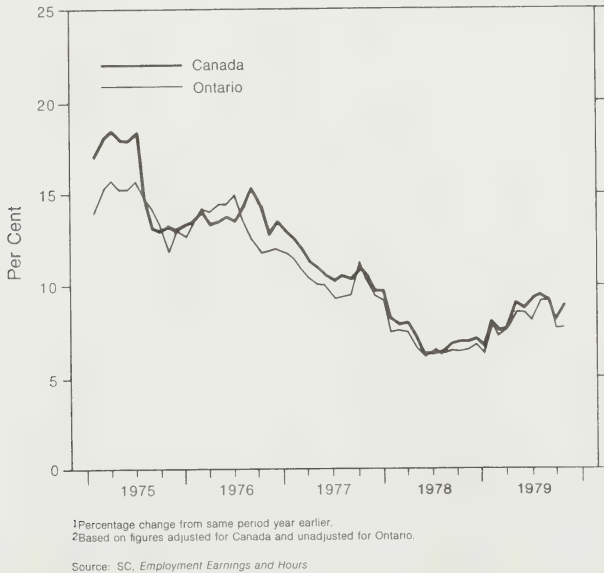


Source: SC, Labour Force Survey Division.

Graph 11.D
Wages and Salaries, Canada and Ontario, 1974-1979



Graph 11.E
Average Hourly Earnings¹ in Manufacturing, Canada and Ontario, 1975-1979²



Graph 11.F
Strikes and Lockouts, Ontario, 1961-1979

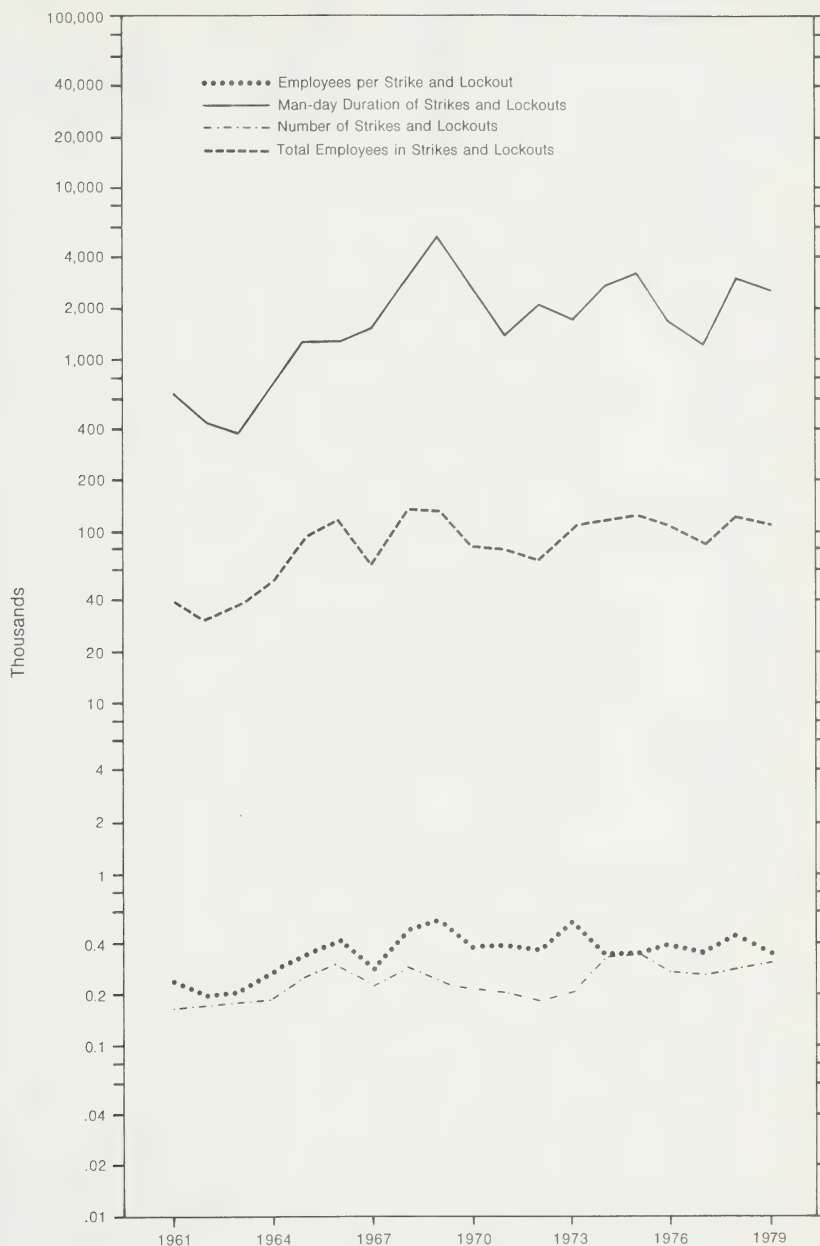


Table 11.1
Labour Force by Age Group, Ontario, 1950–1979

	14–19 ¹		20–24		25–44		45–64		65 +		Total
	Number	% of total	Number	% of total	Number	% of total	Number	% of total	Number	% of total	
	'000's		'000's		'000's		'000's		'000's		
1950	175	9.6	243	13.3	812	44.5	505	27.7	91	5.0	1,821
1951	179	9.6	244	13.0	841	45.0	518	27.7	89	4.8	1,871
1952	174	9.1	242	12.7	876	45.9	526	27.6	92	4.8	1,908
1953	169	8.7	246	12.6	903	46.4	542	27.8	88	4.5	1,948
1954	177	8.8	245	12.1	946	46.8	564	27.9	89	4.4	2,022
1955	178	8.6	244	11.9	975	47.4	575	27.9	86	4.2	2,059
1956	184	8.6	250	11.6	1,014	47.2	604	28.1	95	4.4	2,147
1957	187	8.4	256	11.4	1,062	47.5	635	28.4	98	4.4	2,238
1958	178	7.9	261	11.5	1,079	47.7	653	28.8	93	4.1	2,264
1959	190	8.3	256	11.1	1,095	47.6	669	29.1	92	4.0	2,301
1960	201	8.5	259	10.9	1,124	47.3	701	29.5	92	3.9	2,377
1961	193	8.0	263	11.0	1,128	47.0	725	30.2	91	3.8	2,401
1962	202	8.3	260	10.7	1,128	46.6	741	30.6	91	3.8	2,422
1963	223	9.0	268	10.8	1,135	45.8	764	30.9	86	3.5	2,476
1964	231	9.0	284	11.1	1,158	45.3	788	30.8	94	3.7	2,556
1965	240	9.2	298	11.4	1,174	44.9	814	31.1	90	3.4	2,614
1966	241	8.8	343	12.6	1,222	44.8	834	30.6	90	3.3	2,729
1967	249	8.8	375	13.2	1,256	44.4	866	30.6	85	3.0	2,831
1968	257	8.8	403	13.8	1,280	43.9	891	30.5	87	3.0	2,917
1969	257	8.5	429	14.2	1,327	44.1	913	30.3	85	2.8	3,011
1970	276	8.9	450	14.5	1,356	43.7	944	30.4	81	2.6	3,106
1971	296	9.2	475	14.8	1,404	43.7	963	30.0	77	2.4	3,215
1972	318	9.6	490	14.7	1,467	44.1	981	29.5	72	2.2	3,329
1973	347	10.1	497	14.4	1,518	44.1	1,015	29.5	69	2.0	3,445
1974	378	10.5	528	14.7	1,590	44.3	1,031	28.7	66	1.8	3,592
1975	425	11.1	550	14.4	1,707	44.7	1,058	27.7	78	2.0	3,818
1976	416	10.7	567	14.6	1,746	44.9	1,085	27.9	71	1.8	3,885
1977	430	10.8	595	14.9	1,798	45.0	1,102	27.6	69	1.7	3,994
1978	457	11.0	613	14.8	1,880	45.3	1,125	27.1	72	1.7	4,147
1979	487	11.4	634	14.8	1,939	45.2	1,155	26.9	74	1.7	4,289

1) For 1966 onward the age bracket is 15–19 years.

Source: SC, *The Labour Force*, (71-001).

Table 11.2**Summary Labour Force Characteristics by Province, Canada, 1972-1979**

	Participation rates	Labour force	Employed						Unemployment rates
			All classes of workers			Paid workers			
			Total	Agriculture	Non-agriculture	Total	Non-agriculture	Unemployed	
per cent				'000's			per cent		
Annual Averages									
Canada									
1972	57.6	8,743	8,191	462	7,729	7,193	7,099	552	6.3
1973	58.7	9,107	8,598	448	8,150	7,617	7,526	509	5.6
1974	59.4	9,462	8,951	452	8,499	7,941	7,849	510	5.4
1975	61.1	9,974	9,284	483	8,802	8,375	8,238	690	6.9
1976	61.1	10,206	9,479	472	9,008	8,545	8,403	727	7.1
1977	61.5	10,498	9,648	464	9,184	8,678	8,535	850	8.1
1978	62.6	10,882	9,972	473	9,498	8,935	8,803	911	8.4
1979	63.3	11,207	10,369	483	9,886	9,298	9,156	838	7.5
Ontario									
1972	60.2	3,329	3,168	111	3,057	2,864	2,832	161	4.8
1973	60.9	3,445	3,305	116	3,188	2,998	2,966	140	4.1
1974	61.8	3,592	3,443	114	3,329	3,127	3,097	149	4.2
1975	64.1	3,818	3,576	117	3,459	3,278	3,232	242	6.3
1976	63.9	3,885	3,645	113	3,533	3,343	3,299	240	6.2
1977	64.3	3,994	3,714	127	3,588	3,379	3,329	280	7.0
1978	65.5	4,147	3,847	131	3,716	3,485	3,442	300	7.2
1979	66.6	4,289	4,008	146	3,862	3,637	3,586	280	6.5
Newfoundland									
1972	46.9	157	138	--	138	124	123	18	11.8
1973	49.8	170	149	--	148	133	132	21	12.2
1974	49.9	173	147	--	146	132	132	27	15.3
1975	49.4	176	152	--	150	138	136	25	14.0
1976	49.4	182	157	--	156	141	140	24	13.4
1977	50.7	191	161	--	160	146	145	30	15.6
1978	51.7	198	166	--	165	149	149	33	16.4
1979	52.7	207	175	--	174	154	153	32	15.4
Prince Edward Island									
1972	51.7	39	35	5	30	27	25	4	9.5
1973	52.5	40	38	5	33	30	29	--	--
1974	53.5	42	39	6	33	31	29	--	--
1975	56.5	46	42	7	35	33	31	4	8.0
1976	56.7	47	42	6	37	35	33	4	9.6
1977	57.0	48	44	6	38	36	33	5	9.9
1978	57.8	50	45	5	40	37	35	5	9.9
1979	59.3	53	47	6	41	37	35	6	11.3
Nova Scotia									
1972	50.0	269	250	7	243	223	221	19	7.2
1973	51.3	282	263	7	256	236	233	18	6.5
1974	53.2	298	279	8	270	251	248	19	6.5
1975	55.3	317	292	8	284	264	259	24	7.7
1976	55.2	323	292	8	284	265	261	31	9.5
1977	55.2	329	294	7	287	264	260	35	10.6
1978	56.4	342	306	7	299	276	272	36	10.6
1979	56.9	352	316	7	309	286	282	36	10.2
New Brunswick									
1972	51.1	220	202	6	196	181	179	18	8.3
1973	52.6	231	211	7	204	190	188	20	8.9
1974	53.2	238	217	6	212	197	195	21	8.7
1975	53.8	248	224	6	218	203	201	24	9.8
1976	53.6	254	226	6	220	205	202	28	11.0
1977	53.7	261	226	5	221	207	205	35	13.2
1978	55.0	273	238	4	234	220	218	34	12.6
1979	55.3	280	249	6	243	227	224	31	11.1

Table 11.2 (cont'd)

Summary Labour Force Characteristics, by Province, Canada, 1972-1979

	Participation rates	Labour force	Employed					Unemployed	Unemployment rates
			All classes of workers			Paid Workers			
			Total	Agriculture	Non-agriculture	Total	Non-agriculture		
per cent					'000's			per cent	
Annual Averages									
Quebec									
1972	56.0	2,387	2,190	92	2,098	1,942	1,928	197	8.3
1973	57.6	2,499	2,314	83	2,231	2,075	2,060	185	7.4
1974	58.0	2,571	2,385	81	2,304	2,143	2,129	186	7.2
1975	58.5	2,647	2,434	70	2,364	2,262	2,244	214	8.1
1976	58.3	2,689	2,456	74	2,383	2,267	2,244	233	8.7
1977	58.9	2,756	2,473	71	2,401	2,267	2,246	284	10.3
1978	59.7	2,827	2,520	72	2,448	2,301	2,280	307	10.9
1979	60.1	2,878	2,602	68	2,534	2,373	2,351	277	9.6
Manitoba									
1972	57.8	396	378	40	338	315	310	18	4.6
1973	58.9	409	393	36	357	335	329	16	3.9
1974	59.7	422	409	41	369	348	341	13	3.1
1975	60.9	437	417	41	376	361	353	20	4.5
1976	61.2	447	426	38	388	370	362	21	4.7
1977	61.7	456	429	42	387	374	363	27	5.9
1978	63.1	471	440	44	397	379	368	31	6.5
1979	63.7	478	453	46	407	389	378	26	5.4
Saskatchewan									
1972	54.9	341	327	89	238	220	210	14	4.2
1973	55.7	345	333	83	250	233	224	12	3.4
1974	56.2	350	341	84	256	239	231	9	2.7
1975	59.2	376	365	106	269	258	239	11	2.9
1976	60.5	394	378	93	285	279	263	15	3.9
1977	61.5	410	392	98	294	288	270	18	4.5
1978	61.9	421	400	101	299	291	274	21	4.9
1979	62.6	433	415	99	316	307	290	18	4.2
Alberta									
1972	61.2	682	651	90	561	527	511	31	4.5
1973	62.1	715	685	89	596	557	544	30	4.1
1974	63.1	750	731	92	638	600	584	20	2.6
1975	66.1	822	788	111	678	665	637	34	4.1
1976	66.9	871	837	116	721	707	673	34	4.0
1977	67.0	909	868	86	782	761	735	41	4.5
1978	68.2	960	915	84	832	802	783	45	4.7
1979	69.4	1015	976	83	893	854	833	39	3.9
British Columbia									
1972	57.8	923	852	21	830	768	760	71	7.7
1973	58.6	970	906	20	887	830	822	64	6.6
1974	59.4	1,024	961	19	942	872	864	63	6.1
1975	61.1	1,087	995	16	979	914	905	92	8.5
1976	61.3	1,116	1,020	18	1,002	934	925	96	8.6
1977	61.5	1,144	1,047	21	1,026	958	948	97	8.5
1978	62.6	1,192	1,093	25	1,068	995	983	98	8.3
1979	62.7	1,223	1,129	22	1,107	1,036	1,022	94	7.7

Source: SC, *The Labour Force*, (71-001).

Table 11.3

Employment as a Percentage of Population 14 Years of Age and Over¹, Canada and Ontario, 1953-1979

	Canada	Ontario
1953	51.5	54.1
1954	50.5	53.8
1955	50.6	54.0
1956	51.7	55.6
1957	51.5	55.3
1958	50.1	53.4
1959	50.6	53.7
1960	50.4	53.9
1961	50.2	53.5
1962	50.7	53.8
1963	50.9	54.4
1964	51.6	55.1
1965	52.3	55.3
1966	54.4	57.1
1967	54.5	57.1
1968	54.0	56.9
1969	54.3	57.4
1970	53.5	56.6
1971	53.5	56.3
1972	53.9	57.3
1973	55.4	58.4
1974	56.2	59.2
1975	56.9	60.1
1976	56.7	59.9
1977	56.6	59.8
1978	57.4	60.7
1979	58.6	62.2

¹⁾ Excludes inmates of institutions, members of the armed services, Indians living on reserves and residents of the Yukon and Northwest Territories. For 1966 onward, the figures relate to 15 years of age and over.

Source: SC, *The Labour Force*, (71-001).

Table 11.4

Participation Rates by Sex, Canada and Ontario, 1953-1979

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Per cent					
1953	53.1	55.2	82.9	85.2	23.4	25.9
1954	52.9	55.9	82.2	85.2	23.7	27.1
1955	52.9	55.7	82.1	84.5	23.9	27.5
1956	53.5	56.9	82.2	85.0	24.9	29.4
1957	54.0	57.2	82.3	84.8	25.8	30.1
1958	53.9	56.4	81.7	84.3	26.2	29.1
1959	53.8	56.2	81.0	83.6	26.7	29.6
1960	54.2	57.0	80.7	83.2	27.9	31.4
1961	54.1	56.7	79.8	82.1	28.7	31.9
1962	53.9	56.3	79.1	81.4	29.0	31.9
1963	53.8	56.5	78.5	81.2	29.6	32.5
1964	54.1	57.0	78.1	80.6	30.5	34.0
1965	54.4	56.7	77.9	80.0	31.3	34.1
1966	56.4	58.6	79.9	81.9	33.6	36.1
1967	56.8	58.9	79.6	81.4	34.6	37.2
1968	56.8	59.0	79.0	81.1	35.2	37.8
1969	57.0	59.2	78.6	80.7	36.0	38.6
1970	56.9	59.2	78.2	80.2	36.2	38.9
1971	57.2	59.5	77.8	79.5	37.1	40.2
1972	57.6	60.2	77.9	80.0	37.8	41.2
1973	58.7	60.9	78.5	80.0	39.4	42.5
1974	59.4	61.8	79.0	80.3	40.5	44.0
1975	61.1	64.1	78.4	80.3	44.4	48.6
1976	61.1	63.9	77.6	79.3	45.2	49.0
1977	61.5	64.3	77.6	79.4	46.0	49.8
1978	62.6	65.5	77.9	80.1	47.8	51.5
1979	63.3	66.6	78.4	80.6	48.9	53.3

Source: SC, *The Labour Force*, (71-001).

Table 11.5
Participation Rates by Age Group, Ontario, 1956-1979

	Total	14-19 ¹	20-24	25-44	45-64	65 +
	Per cent					
1956	56.9	44.4	71.8	64.4	60.5	21.6
1957	57.2	42.9	70.7	65.0	61.8	21.8
1958	56.4	38.9	70.7	64.5	61.8	20.4
1959	56.2	39.1	69.0	64.9	61.9	19.7
1960	57.0	39.3	69.4	66.0	63.3	19.4
1961	56.7	36.0	69.9	66.0	64.0	18.8
1962	56.3	35.4	68.8	66.1	64.1	18.5
1963	56.5	36.6	69.6	66.5	64.8	17.1
1964	57.0	35.4	70.8	67.4	65.4	18.4
1965	56.7	34.7	70.3	67.5	65.8	17.3
1966	58.6	40.9	71.8	68.3	65.8	16.7
1967	58.9	41.0	71.7	69.0	66.3	15.5
1968	59.0	41.1	71.8	69.3	66.2	15.4
1969	59.2	39.6	72.2	70.7	66.0	14.7
1970	59.2	40.6	71.2	70.7	66.3	13.6
1971	59.5	41.9	71.8	71.5	65.9	12.6
1972	60.2	43.7	73.9	72.6	65.7	11.6
1973	60.9	46.5	73.8	73.2	66.5	10.7
1974	61.8	49.4	75.7	74.2	66.1	10.1
1975	64.1	54.4	76.4	77.7	66.5	11.8
1976	63.9	52.1	77.0	77.8	67.0	10.4
1977	64.3	52.9	78.8	78.4	67.2	9.7
1978	65.5	55.5	79.3	80.3	67.7	9.8
1979	66.6	59.0	80.5	81.1	68.9	9.8

¹⁾ For 1966 onward, the age bracket is 15-19.

Source: SC, *The Labour Force*, (71-001).

Table 11.6

Persons In and Not In the Labour Force by Sex, Canada and Ontario, 1950-1979

	In the Labour Force				Not in Labour Force			
	Canada		Ontario		Canada		Ontario	
	Male	Female	Male	Female	Male	Female	Male	Female
Annual Averages ('000's)								
1950	..	..	1,395	430	..	..	234	1,234
1951	..	..	1,426	444	..	..	229	1,252
1952	..	..	1,454	454	..	..	248	1,285
1953	4,206	1,191	1,487	461	869	3,898	258	1,320
1954	4,263	1,231	1,526	496	925	3,973	265	1,331
1955	4,341	1,269	1,545	514	949	4,038	283	1,353
1956	4,437	1,346	1,587	560	961	4,064	280	1,346
1957	4,573	1,435	1,644	594	986	4,129	294	1,379
1958	4,641	1,496	1,674	589	1,044	4,207	312	1,437
1959	4,687	1,554	1,690	612	1,098	4,266	333	1,457
1960	4,754	1,657	1,714	663	1,136	4,285	345	1,448
1961	4,782	1,739	1,717	684	1,209	4,322	374	1,463
1962	4,819	1,797	1,725	697	1,276	4,389	396	1,486
1963	4,879	1,870	1,751	724	1,337	4,451	406	1,500
1964	4,961	1,972	1,780	776	1,390	4,494	428	1,503
1965	5,065	2,076	1,817	798	1,440	4,547	453	1,543
1966	5,159	2,226	1,872	857	1,294	4,404	413	1,518
1967	5,277	2,358	1,920	911	1,356	4,453	439	1,535
1968	5,377	2,460	1,966	951	1,431	4,537	459	1,568
1969	5,487	2,581	2,012	999	1,496	4,598	482	1,591
1970	5,600	2,665	2,067	1,040	1,562	4,701	509	1,634
1971	5,701	2,800	2,109	1,106	1,628	4,744	544	1,646
1972	5,827	2,916	2,169	1,160	1,652	4,791	543	1,657
1973	5,997	3,110	2,219	1,226	1,645	4,775	555	1,659
1974	6,185	3,276	2,288	1,304	1,649	4,814	561	1,662
1975	6,294	3,680	2,342	1,476	1,732	4,617	573	1,563
1976	6,369	3,837	2,361	1,524	1,840	4,660	615	1,584
1977	6,505	3,994	2,412	1,581	1,873	4,686	624	1,592
1978	6,650	4,232	2,480	1,667	1,881	4,618	616	1,571
1979	6,799	4,408	2,533	1,756	1,877	4,607	611	1,540

Source: SC, *The Labour Force*, (71-001).

Table 11.7

Agricultural and Non-Agricultural Labour Force by Sex and by Age Group, Canada and Ontario, 1968–1979

Labour Force	1968		1969		1970		1971	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Annual Averages ('000's)								
Total	7,836	2,917	8,068	3,011	8,265	3,106	8,504	3,216
Agricultural	536	140	526	133	504	130	505	132
Non-agricultural	7,300	2,776	7,543	2,878	7,761	2,976	8,000	3,084
Male	5,377	1,966	5,487	2,012	5,600	2,067	5,704	2,110
Agricultural	467	115	453	111	436	109	434	110
Non-agricultural	4,909	1,851	5,034	1,901	5,163	1,958	5,270	2,000
Female	2,460	951	2,581	999	2,665	1,040	2,800	1,106
Agricultural	69	26	73	23	67	22	71	22
Non-agricultural	2,391	925	2,509	976	2,598	1,018	2,730	1,084
All ages	7,836	2,917	8,068	3,011	8,265	3,106	8,504	3,216
15 - 19 years	758	257	765	257	791	276	832	296
20 - 24 years	1,167	403	1,231	429	1,268	450	1,323	475
25 - 44 years	3,358	1,280	3,465	1,327	3,550	1,356	3,655	1,405
45 - 64 years	2,333	891	2,392	913	2,446	944	2,498	963
65 years and over	221	87	216	85	210	81	197	77

Table 11.7 (cont'd)

	1972		1973		1974		1975	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Annual Averages ('000's)								
Total	8,763	3,339	9,150	3,465	9,526	3,620	9,974	3,818
Agricultural	473	114	458	120	465	116	497	124
Non-agricultural	8,290	3,225	8,692	3,346	9,061	3,503	9,393	3,664
Male	5,844	2,177	6,032	2,236	6,238	2,314	6,294	2,342
Agricultural	399	93	389	77	390	95	384	90
Non-agricultural	5,445	2,084	5,643	2,159	5,849	2,219	5,870	2,240
Female	2,919	1,162	3,118	1,229	3,288	1,306	3,680	1,476
Agricultural	74	21	69	42	75	21	113	33
Non-agricultural	2,846	1,141	3,049	1,187	3,212	1,285	3,513	1,424
All ages	8,763	3,339	9,150	3,465	9,526	3,620	9,974	3,818
15 - 19 years	900	319	987	348	1,065	379	1,153	425
20 - 24 years	1,352	492	1,418	500	1,492	532	1,548	550
25 - 44 years	3,808	1,475	3,972	1,534	4,169	1,613	4,396	1,707
45 - 64 years	2,520	982	2,589	1,015	2,617	1,032	2,678	1,058
65 years and over	184	72	184	69	183	66	199	78

Table 11.7 (cont'd)

Agricultural and Non-Agricultural Labour Force by Sex and Age Group, Canada and Ontario, 1968-1979

	1976		1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Annual Averages ('000's)								
Total	10,206	3,885	10,498	3,994	10,882	4,147	11,207	4,289
Agricultural	489	118	482	133	494	138	504	154
Non-agricultural	9,665	3,747	9,954	3,839	10,317	3,980	10,630	4,107
Male	6,369	2,361	6,505	2,412	6,650	2,480	6,799	2,533
Agricultural	367	86	359	95	366	97	375	108
Non-agricultural	5,986	2,269	6,124	2,311	6,259	2,374	6,401	2,417
Female	3,837	1,524	3,994	1,581	4,232	1,667	4,408	1,756
Agricultural	122	33	122	39	127	42	129	46
Non-agricultural	3,679	1,477	3,830	1,528	4,058	1,606	4,230	1,690
All ages	10,206	3,885	10,498	3,994	10,882	4,147	11,207	4,289
15-19 years	1,145	416	1,169	430	1,200	457	1,259	487
20-24 years	1,597	567	1,655	595	1,715	613	1,766	634
25-44 years	4,560	1,746	4,727	1,798	4,955	1,880	5,130	1,939
45-64 years	2,728	1,085	2,767	1,102	2,827	1,125	2,865	1,155
65 years and over	176	71	180	69	184	72	187	74

Source: SC, *The Labour Force*, (71-001).

Table 11.8

Non-Agricultural Labour Force, by Region, Canada, 1964-1979

	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia
Annual averages ('000's)						
1964	6,292	2,394	548	1,832	901	616
1965	6,540	2,461	577	1,903	955	644
1966	6,849	2,590	576	2,005	996	682
1967	7,086	2,687	588	2,072	1,015	724
1968	7,300	2,776	600	2,092	1,079	753
1969	7,543	2,878	612	2,162	1,098	795
1970	7,761	2,976	617	2,190	1,142	836
1971	8,000	3,084	640	2,259	1,156	861
1972	8,290	3,225	668	2,296	1,198	904
1973	8,692	3,346	709	2,422	1,258	958
1974	9,061	3,503	739	2,501	1,304	1,014
1975	9,383	3,664	752	2,542	1,368	1,058
1976	9,665	3,747	778	2,595	1,456	1,090
1977	9,954	3,839	801	2,660	1,539	1,115
1978	10,317	3,980	837	2,728	1,614	1,158
1979	10,630	4,107	862	2,780	1,690	1,192

Source: SC, *The Labour Force*, (71-001).

Table 11.9
Labour Force and Employed by Industry, Ontario, 1969-1979

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
	Annual Averages ('000 s)										
Labour Force											
All Industries	3,011	3,106	3,216	3,339	3,465	3,620	3,818	3,885	3,994	4,147	4,289
Primary industries	183	186	193	175	174	171	176	179	193	195	203
Manufacturing	884	875	874	910	950	977	939	966	972	1,007	1,072
Construction	196	203	215	210	226	242	252	255	258	261	257
Transportation and other utilities	227	231	238	250	262	264	266	284	288	302	308
Trade	480	495	500	541	561	599	653	647	662	700	725
Service											
(including finance)											
Public Administration	1,027	1,096	1,168	1,232	1,278	1,351	1,502	1,534	1,599	1,654	1,696
Never worked	14	20	27	21	16	17	30	20	22	29	28
Employed											
All Industries	2,916	2,973	3,045	3,168	3,305	3,443	3,576	3,645	3,714	3,847	4,008
Primary industries	179	181	186	169	166	165	168	170	183	183	191
Manufacturing	858	837	830	868	910	928	877	910	907	943	1,011
Construction	181	181	189	185	203	219	224	230	226	226	227
Transportation and other utilities	222	225	229	239	251	253	254	271	273	286	294
Trade	467	478	478	520	540	575	618	610	618	654	684
Service											
(including finance) and											
Public Administration	1,009	1,071	1,133	1,187	1,234	1,303	1,435	1,454	1,508	1,554	1,602

Source: SC, *The Labour Force*, (71-001).

Table 11.10

Average Weekly Hours Worked in Manufacturing, by Region, Canada, 1969-1979

	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia
1969	40.0	40.1	40.3	40.8	39.4	37.4
1970	39.7	39.8	39.9	40.4	39.0	36.8
1971	39.7	39.8	39.6	40.3	38.9	37.2
1972	40.0	40.2	39.8	40.6	38.8	37.6
1973	39.6	40.0	39.6	40.1	38.5	37.3
1974	38.8	39.2	38.2	39.6	37.6	36.4
1975	38.6	38.9	38.2	39.1	37.3	36.1
1976	38.7	39.3	37.9	38.9	37.3	36.5
1977	38.7	39.3	37.9	38.9	37.2	36.2
1978	38.8	39.3	38.1	39.1	37.6	36.4
1979	38.8	39.4	38.2	38.9	37.6	36.3
Seasonally Adjusted Monthly Data ¹						
1977						
January	38.6	39.1	37.7	38.9	37.5	36.5
February	38.7	39.6	38.1	38.7	37.2	36.2
March	38.7	39.6	38.0	38.9	37.3	36.1
April	38.5	39.0	38.2	38.7	37.2	36.3
May	38.5	39.0	37.7	38.7	36.9	36.3
June	38.7	39.4	38.0	39.0	37.2	36.1
July	38.6	39.1	38.0	38.9	37.2	36.4
August	38.8	39.5	37.9	38.9	37.4	36.3
September	38.7	39.4	38.1	38.8	37.3	35.9
October	38.7	39.4	37.8	39.0	37.3	36.2
November	38.6	39.3	37.8	38.9	36.7	36.1
December	38.7	39.4	37.7	39.1	37.2	36.0
1978						
January	38.0	37.9	38.0	38.9	37.1	36.0
February	38.8	39.3	37.9	39.1	37.4	36.2
March	38.5	39.1	37.7	38.6	37.4	36.0
April	38.8	39.4	37.4	39.0	37.5	36.2
May	38.9	39.5	38.4	38.9	37.8	36.1
June	38.8	39.3	38.2	39.4	37.7	36.2
July	38.9	39.5	38.2	39.3	37.7	36.5
August	38.9	39.3	38.2	39.1	37.6	37.0
September	38.9	39.5	37.8	39.1	37.5	36.5
October	38.8	39.4	38.6	39.1	37.6	36.5
November	39.0	39.7	38.4	39.0	37.7	36.5
December	39.1	39.6	38.4	39.3	37.7	36.8
1979						
January	39.2	39.9	37.8	39.1	37.5	36.6
February	38.7	39.4	38.1	39.2	37.1	36.3
March	39.0	39.7	39.0	39.1	37.2	36.7
April	38.9	39.5	37.9	39.0	37.5	36.3
May	39.1	39.7	38.5	39.3	37.7	36.7
June	38.8	39.5	38.3	39.2	37.4	36.0
July	38.9	39.7	39.0	38.9	37.9	36.2
August	38.7	39.0	38.5	38.9	37.8	36.6
September	38.8	39.5	37.6	38.9	37.7	36.7
October	38.7	39.2	38.1	38.8	37.7	36.3
November	38.7	39.3	37.8	38.5	37.9	36.4
December	38.1	38.9	38.0	38.4	37.5	34.2

¹) Average hours in manufacturing adjusted by Statistics Canada.Source: SC, *Employment, Earnings and Hours*.

Table 11.11

Average Weekly Hours Worked and Average Hourly Earnings in Manufacturing, by Selected Urban Area¹, Ontario, 1975–1979

	Average Weekly Hours Worked in Manufacturing					Average Hourly Earnings in Manufacturing				
	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979
							\$			
Ontario	38.9	39.3	39.3	39.3	39.4	5.18	5.87	6.47	6.91	7.48
Toronto (metro)	38.9	39.4	39.3	39.3	39.4	4.94	5.52	6.02	6.37	6.95
Hamilton (metro)	38.7	38.9	38.8	39.2	39.7	5.68	6.53	7.13	7.71	8.34
Ottawa	38.5	38.3	38.5	38.7	38.6	5.13	5.78	6.47	7.06	7.70
London (metro)	38.5	38.8 ¹	38.7	39.1	39.0	5.21	5.67 ¹	6.18	6.80	7.56
Windsor (metro)	40.6	41.4	40.9	40.7	40.1	6.23	7.06	7.92	8.47	8.81
Kitchener (metro)	38.2	38.8	38.6	38.8	38.8	4.69	5.26	5.82	6.26	6.73
St. Catharines	40.1	42.1	42.6	43.0	42.0	6.18	7.08	7.85	8.60	9.33
Thunder Bay (metro)	37.4	38.3	38.7	38.8	39.1	5.80	7.20	8.00	8.44	9.15
Oshawa	39.2	41.4	41.6	40.4	40.6	6.14	6.95	7.53	8.16	8.89
Niagara Falls	39.5	39.5	39.8	39.7	39.9	5.02	5.70	6.29	6.79	7.50
Brantford	38.6	39.3	38.8	38.1	38.8	5.32	5.91	6.42	7.02	7.76
Guelph	38.3	38.6	38.8	38.8	39.2	4.74	5.38	6.00	6.43	7.00
Kingston	39.8	39.6	40.0	39.9	39.5	5.38	6.24	6.73	7.18	7.80
Peterborough	39.5	39.2	39.0	39.6	40.0	5.41	6.02	6.54	6.87	7.46
Sarnia	39.8	39.9	39.2	39.8	40.3	6.54	7.46	8.52	8.97	9.87
Cornwall	38.6	38.4	39.0	39.4	39.2	4.85	5.82	6.48	6.97	7.52
Welland	39.2	39.7	40.4	40.3	40.9	5.62	6.44	7.16	7.62	8.56
Brampton	38.9	39.0	38.5	39.4	39.6	5.07	5.62	6.22	6.63	7.18

¹⁾ Urban areas may also include satellite communities.

Source: SC, *Employment, Earnings and Hours*.

Table 11.12

Labour Force and Employed by Occupation, Ontario, 1976-1979

	Labour Force				Employed			
	1976	1977	1978	1979	1976	1977	1978	1979
Annual Averages ('000's)								
All Occupations	3,885	3,994	4,147	4,289	3,645	3,714	3,847	4,008
Managerial,								
Administrative ¹	857	878	907	930	827	850	874	902
Clerical	727	730	760	766	685	683	707	724
Sales	424	432	424	440	405	410	402	419
Service	459	501	539	559	426	457	491	513
Primary ²	162	179	182	197	152	166	168	184
Processing etc. ³	674	686	721	786	631	636	674	733
Construction	256	255	258	256	233	227	227	229
Transport	143	150	157	156	135	139	146	147
Material								
Handling and								
other Crafts	162	162	171	170	150	148	157	157
Never worked ⁴	20	22	29	28	...	...	...	...

1) Includes managerial and administrative, natural sciences, social sciences, religion, teaching, medicine and health, artistic and recreational occupations.

2) Includes farmers and farm workers, fishermen, trappers and hunters, loggers and related workers, miners, quarrymen and related workers.

3) Includes processing, machining and product fabricating, assembling and repairing.

4) Comprises unemployed persons who never had a full-time job lasting two weeks or more.

Source: SC, *The Labour Force*, (71-001).

Table 11.13Employment Index Numbers, Industrial Composite, by Selected Urban Area¹, Ontario, 1973 - 1979

	1973	1974	1975	1976	1977	1978	1979
Ontario	141.2	147.5	144.2	147.1	148.0	151.2	155.3
Toronto (metro)	147.2	154.5	152.4	154.9 ¹	155.9	160.6	166.6
Hamilton	129.8	136.5	134.1	134.3	132.9	134.1	139.3
Ottawa-Hull	156.9	168.5	167.1	170.8	173.1	179.6 ¹	180.6
London	132.4	138.5	132.9	134.7	134.7	143.9 ¹	146.4
Windsor	160.4	159.8	148.1	163.0	172.0	175.1	167.9
Kitchener	173.2	181.0	170.0	174.1	169.3	173.7	176.3
St. Catharines	146.1	145.6	136.1	142.2	142.8	145.9 ¹	149.1
Thunder Bay	137.9	145.6	138.9	151.1	156.9	155.6	156.7
Oshawa	148.7	149.2	140.5	149.4	155.6	164.0	164.7
Sudbury	108.0	109.2	113.9	117.1	113.9	89.3	84.1
Sault Ste. Marie	126.9	136.0	137.2	136.3	136.2	141.5 ¹	144.7
Niagara Falls	120.8	125.7	125.7	122.4	126.0	129.9	133.3
Brantford	143.7	152.4	153.2	152.5	154.8	162.0	168.6
Guelph	145.8	155.5	156.4	160.7	159.8	162.1	172.7
Kingston	130.0	138.0	138.3	139.5	137.4	140.4 ¹	144.1
Peterborough	135.5	140.8	147.6	140.6	132.5	136.0	147.5
Sarnia	135.3	144.2	146.2	153.1	161.3	160.5 ¹	150.6
North Bay	122.2	134.1	132.6	131.9	141.6	148.6	150.9
Cornwall	135.5	140.9	118.6	120.9	124.9	126.7	134.1
Welland	107.1	112.2	107.1	107.3	103.5	105.3	109.3
Brampton	332.1	360.1	353.2	362.2	357.0	325.9	335.9

1) Urban areas represent incorporated municipalities.

Source: SC, *Employment, Earnings and Hours*.

Table 11.14

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario,
1964-1979

	1964	1965	1966	1967	1968	1969	1970	1971
Annual Averages (1961 = 100)								
Industrial Composite								
Canada	108.2	114.3	121.2	122.6	122.7	126.9	127.1	127.8
Ontario	110.1	116.5	123.3	125.1	126.1	131.0	131.6	132.1
Toronto	110.5	115.8	123.6	126.0	128.2	134.3	135.1	135.5
Hamilton	113.4	119.8	123.7	120.8	119.8	121.2	124.0	123.6
Kingston	114.9	122.0	125.2	121.7	123.0	128.3	125.6	122.5
London	113.2	118.8	124.0	124.3	121.3	125.2	124.4	123.8
Ottawa-Hull	106.1	111.5	117.4	123.5	128.6	137.7	140.6	143.1
Thunder Bay	105.0	116.2	126.1	126.9	119.6	124.2	125.6	135.5
Windsor	116.8	132.7	149.3	149.3	149.6	152.7	149.9	150.0'
Forestry								
Canada	102.8	104.1	106.2	102.3	91.1	88.7	84.2	79.4
Ontario	103.4	103.9	106.0	102.9	90.0	90.7	84.7	73.7
Mining, Including Milling								
Canada	98.8	105.1	107.0	109.1	109.8	107.9	115.7	114.8
Ontario	87.6	90.3	89.3	93.6	95.3	84.3	96.3	98.2
Manufacturing								
Canada	111.1	117.2	123.5	123.1	122.1	125.2	122.8	121.6
Ontario	114.6	121.9	129.4	128.9	127.2	130.6	127.6	126.0
Toronto	111.3	116.3	124.8	125.3	123.6	127.8	124.4	121.8
Hamilton	116.6	123.7	127.1	121.6	119.5	118.4	120.2	117.1
Kingston	108.8	115.2	120.3	115.6	113.6	117.7	108.7	102.1
London	113.1	116.5	122.7	121.1	114.6	115.0	107.3	106.4
Ottawa-Hull	109.6	113.6	118.9	122.5	120.3	126.8	125.1	109.9
Thunder Bay	112.8	123.1	135.3	136.5	129.2	132.5	124.7	132.0
Windsor	121.6	140.7	159.1	155.8	153.6	156.1	148.6	148.8
Construction								
Canada	104.1	118.4	128.9	122.6	119.4	119.1	113.9	115.5
Ontario	98.7	110.2	121.6	118.3	123.3	123.6	124.7	123.2
Toronto	112.3	119.9	138.0	136.2	148.7	151.8	156.9	151.2
Hamilton	102.7	113.8	115.5	106.3	105.5	92.9	112.3	127.3
London	129.6	149.2	157.6	162.8	152.9	152.0	152.1	146.5
Ottawa-Hull	106.1	110.3	118.9	127.0	133.9	137.9	129.3	142.1
Windsor	112.2	139.2	161.2	152.6	159.3	149.8	143.6	119.6

Table 11.14 (cont'd)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1964-1979

	1972	1973	1974	1975	1976	1977	1978	1979
Annual Averages (1961 = 100)								
Industrial Composite								
Canada	129.9	135.9	142.8	141.1	144.1	144.3	146.5	150.7
Ontario	134.2	141.2	147.5	144.2	147.1	148.0	151.2	155.3
Toronto	139.0	147.2	154.5	152.4	154.9'	155.9	160.6	166.6
Hamilton	123.9	129.8	136.5	134.1	134.3	132.9	134.1	139.3
Kingston	124.2	130.0	138.0	138.3	139.5	137.4	140.4	144.1
London	128.3	132.4	138.5	132.9	134.7	134.7'	143.9	146.4
Ottawa-Hull	146.8	156.9	168.5	167.1	170.8	173.1	179.6	180.6
Thunder Bay	137.5	137.9	145.6	138.9	151.1	156.9	155.6	156.7
Windsor	153.4	160.4	159.8	148.1	163.0	172.0	175.1	167.9
Forestry								
Canada	76.3	86.4	87.4	76.0	76.2	78.0	81.4	83.1
Ontario	68.0	79.1	84.5	68.3	58.1	72.9	95.8	95.2
Mining, Including Milling								
Canada	110.4	111.4	115.5	114.1	118.3	122.8	119.1	128.1
Ontario	88.0	83.4	85.2	86.5	89.6	88.3	76.3	75.8
Manufacturing								
Canada	123.7	129.9	133.8	126.3	128.1	126.3	127.6	131.4
Ontario	128.6	135.4	139.1	130.4	132.5	131.4	132.9	137.5
Toronto	124.3	128.9	133.0	126.4	126.6	124.8	126.8	131.8
Hamilton	119.1	124.8	129.7	124.5	123.7	121.6	121.7	129.7
Kingston	105.9	109.8	113.9	110.3	107.5	103.8	99.5	107.6
London	115.3	119.3	123.9	114.8	114.6	111.6'	119.4	122.1
Ottawa-Hull	108.3	112.6	120.8	109.0	106.5	103.0	106.3	107.8
Thunder Bay	133.7	132.8	141.1	113.6	132.5	154.1	154.3	155.4
Windsor	154.4	164.0	157.7	141.1	157.7	167.1	167.8	156.6
Construction								
Canada	109.7	109.9	117.1	117.1	113.8	110.9	99.6	96.3
Ontario	112.8	112.7'	118.2	116.4	113.4	111.1'	103.2	95.3
Toronto	137.6	139.0	142.8	137.5	131.9	127.3	121.2	114.4
Hamilton	97.1	102.2	118.9	128.3	112.5	109.8	103.9	94.5
London	132.5	119.4	125.0	107.4	96.9	91.2	..	..
Ottawa-Hull	128.7	134.8	135.4	116.1	121.9	119.1	98.8	85.7
Windsor	125.0	112.5	131.3	131.0	129.8	116.7	122.6	119.8

Table 11.14 (cont'd)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario,
1964-1979

	1964	1965	1966	1967	1968	1969	1970	1971
Annual Averages (1961 = 100)								
Transportation, Communication and Other Utilities								
Canada	101.8	104.8	107.5	110.9	109.5	111.9	112.6	114.6
Ontario	102.3	105.3	107.2	110.8	109.4	112.9	114.0	116.0
Toronto	102.5	107.2	110.1	114.6	116.2	122.5	126.7	129.6
Hamilton	102.1	106.0	102.9	103.6	100.4	106.3	104.5	103.2
London	105.2	113.5	110.1	105.3	105.6	114.3	116.0	117.2
Ottawa-Hull	101.9	103.2	105.8	110.5	114.3	120.8	129.2	133.2
Thunder Bay	107.4	106.6	114.4	111.6	102.7	108.1	125.8	149.8
Windsor	101.6	106.1	116.4	121.7	121.1	120.5	119.3	125.0
Trade								
Canada	108.1	114.3	123.7	125.8	129.4	136.6	139.3	140.3
Ontario	108.9	113.9	121.4	125.0	130.4	140.1	144.0	145.3
Toronto	109.8	113.5	120.0	120.6	124.6	132.3	135.0	136.4
Hamilton	112.6	117.3	124.5	128.4	130.3	139.9	138.4	139.9
London	109.6	113.2	117.1	121.4	122.2	126.3	130.3	126.7
Ottawa-Hull	104.9	108.7	115.1	121.8	131.1	141.6	145.6	147.8
Thunder Bay	100.4	108.6	117.8	121.2	118.7	121.1	124.0	122.4
Windsor	109.6	120.6	130.5	137.6	142.4	149.3	156.8	155.7
Finance, Insurance and Real Estate								
Canada	111.9	116.6	120.5	126.0	131.4	138.8	143.6	145.9
Ontario	109.5	114.2	118.4	125.1	131.5	139.0	144.6	147.2
Toronto	108.6	112.0	117.5	125.1	133.2	142.2	148.7	152.9
Hamilton	108.7	112.6	116.3	120.4	131.0	143.8	156.2	166.6
London	111.8	118.0	125.8	130.5	131.1	141.0	150.9	152.6
Ottawa-Hull	109.1	112.6	116.2	120.1	123.8	131.1	133.5	137.7
Service								
Canada	114.7	125.9	139.1	153.0	157.8	171.8	178.5	186.4
Ontario	116.4	126.9	139.5	149.9	158.0	172.1	180.6	190.6
Toronto	118.6	128.2	139.8	149.7	156.9	166.5	173.8	183.6
Hamilton	105.8	114.0	124.2	131.6	131.6	138.5	150.1	158.9
London	126.5	134.1	144.2	143.8	148.4	161.4	172.1	180.9
Ottawa-Hull	111.0	122.5	133.5	145.8	160.3	179.9	192.6	220.9
Windsor	117.9	128.3	161.7	176.2	188.5	211.2	228.9	235.3

Table 11.14 (cont'd)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1964 - 1979

	1972	1973	1974	1975	1976	1977	1978	1979
Annual Averages (1961 = 100)								
Transportation, Communication and Other Utilities								
Canada	116.0	118.0	124.6	125.8	128.7	130.1	132.5	135.0
Ontario	117.1	121.7	126.7	127.0	131.0	134.2	137.5	139.4
Toronto	131.4	140.5	147.3	149.1	157.5	163.3	167.1	170.5
Hamilton	108.6	108.4	110.3	107.8	111.7	111.4	116.4	117.2
London	115.7	119.5	128.0	129.3	138.9	142.4	133.4	131.1
Ottawa-Hull	141.3	154.8	170.1	176.7	192.2	202.5	212.0	211.3
Thunder Bay	138.7	130.3	128.1	131.8	133.9	136.1	143.4	150.4
Windsor	124.3	130.6	142.2	138.3	149.7	152.7	153.3	150.8
Trade								
Canada	146.2	155.3	165.7	168.5	172.2	169.6	173.7	179.1
Ontario	150.9	161.0	171.4	173.6	176.7	174.8	178.3	183.2
Toronto	142.6	154.2	163.3	162.8	164.3	160.9	164.1	170.5
Hamilton	139.5	147.0	157.9	159.5	164.8	162.2	164.9	165.1
London	132.1	138.5	144.2	142.4	146.2	140.1	152.8	155.0
Ottawa-Hull	154.2	162.9	171.4	179.3	177.6	175.1	179.2	180.4
Thunder Bay	136.1	139.5	144.3	145.2	146.0	141.5	138.7	145.2
Windsor	150.8	152.8	155.8	155.1	172.9	189.3	193.8	187.8
Finance, Insurance and Real Estate								
Canada	148.7	157.1	167.3	175.0	183.9	194.5	199.2	205.8
Ontario	150.0	159.8	169.9	175.9	183.9	192.9	198.8	205.5
Toronto	158.1	172.5	183.6	190.6	199.0	208.8	211.6	219.4
Hamilton	164.5	169.5	181.9	187.8	188.0	195.3	..	..
London	153.5	155.0	158.5	157.5	164.6	177.7	189.1	196.9
Ottawa-Hull	141.3	153.4	163.2	167.1	172.2	178.1	198.2	207.0
Service								
Canada	193.5	206.1	224.0	231.9	242.8	250.1	260.7	271.3
Ontario	198.3	212.0	229.4	234.2	241.4	251.7	271.6	284.1
Toronto	196.2	210.4	228.2	233.7	241.6	254.4	282.0	300.5
Hamilton	160.0	169.1	179.7	181.0	190.2	195.1	197.4	205.0
London	180.7	196.0	213.7	210.8	211.3	227.0	255.5	271.2
Ottawa-Hull	236.4	257.2	284.5	287.4	296.7	310.4	319.6	323.1
Windsor	239.0	247.5	252.7	247.3	250.3	265.0	278.9	290.5

Source: SC, *Employment, Earnings and Hours*

Table 11.15
Employment by Sex, Canada and Ontario, 1953 – 1979

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Annual Averages ('000's)						
1953	5,235	1,907	4,063	1,452	1,172	456
1954	5,243	1,945	4,044	1,459	1,199	485
1955	5,364	1,993	4,128	1,490	1,236	503
1956	5,585	2,096	4,266	1,543	1,320	553
1957	5,731	2,161	4,329	1,580	1,402	582
1958	5,706	2,142	4,263	1,571	1,442	570
1959	5,870	2,198	4,363	1,603	1,507	596
1960	5,965	2,249	4,368	1,607	1,597	642
1961	6,055	2,269	4,381	1,608	1,674	662
1962	6,225	2,317	4,488	1,641	1,737	676
1963	6,375	2,382	4,567	1,678	1,808	704
1964	6,609	2,473	4,698	1,718	1,911	756
1965	6,862	2,548	4,842	1,768	2,020	780
1966	7,120	2,660	4,952	1,823	2,168	837
1967	7,324	2,742	5,035	1,856	2,289	886
1968	7,461	2,814	5,085	1,894	2,376	920
1969	7,693	2,916	5,205	1,946	2,488	971
1970	7,778	2,973	5,233	1,972	2,545	1,001
1971	7,958	3,045	5,302	1,992	2,656	1,053
1972	8,191	3,168	5,431	2,059	2,760	1,109
1973	8,598	3,305	5,647	2,129	2,951	1,176
1974	8,951	3,443	5,836	2,195	3,115	1,247
1975	9,284	3,576	5,903	2,215	3,381	1,360
1976	9,479	3,645	5,965	2,240	3,515	1,405
1977	9,648	3,714	6,031	2,269	3,617	1,445
1978	9,972	3,847	6,148	2,327	3,824	1,520
1979	10,369	4,008	6,347	2,390	4,022	1,618

Source: SC, *The Labour Force*, (71-001).

Source: SC, *The Labour Force*, (71-001).

Unemployed Persons by Family Status, Ontario, 1966 – 1979

Source: SC, *The Labour Force*, (71-001).

Table 11.18
Unemployment Rates by Age and Sex, Ontario, 1956 – 1979.

	Total					Male					Female				
	All ages	14-19	20-24	25-44	45 +	All ages	14-19	20-24	25-44	45 +	All ages	14-19	20-24	25-44	45 +
Annual Averages (Per Cent)															
1956	2.4	4.3	3.2	2.0	2.1	2.8	5.8	3.8	2.2	2.7	1.2	...	...	...	...
1957	3.4	6.4	5.1	2.9	2.7	3.9	8.7	6.1	3.4	3.1	2.2	4.8	...	1.6	...
1958	5.4	11.2	8.0	4.6	4.2	6.2	13.5	10.9	5.3	4.8	3.2	8.1	...	2.4	2.4
1959	4.5	9.5	5.5	3.7	3.9	5.1	11.1	6.7	4.3	4.6	2.6	6.0	...	1.9	...
1960	5.4	11.4	6.9	4.5	4.5	6.2	14.5	9.0	5.3	5.3	3.0	7.8	...	2.4	...
1961	5.5	10.9	7.2	4.6	4.8	6.3	13.2	9.7	5.4	5.8	3.2	8.0	...	2.4	1.9
1962	4.3	9.9	5.4	3.5	3.8	4.9	10.7	6.8	3.8	4.5	3.0	7.9	...	2.4	1.9
1963	3.8	9.63	4.9	2.9	3.2	4.2	10.9	5.4	3.1	3.9	2.9	8.5	...	2.3	...
1964	3.2	8.7	3.9	2.4	2.7	3.5	9.9	5.2	2.5	3.1	2.7	7.9	...	2.2	...
1965	2.5	6.7	3.0	1.7	2.3	2.7	7.4	3.8	1.8	2.6	2.3	5.8	...	1.8	...
1966	2.5	7.1	3.2	1.8	2.2	2.6	7.5	3.9	1.7	2.4	2.3	6.5	...	1.7	1.5
1967	3.1	8.4	4.0	2.5	2.4	3.3	9.4	4.5	2.6	2.7	2.7	7.2	...	2.2	1.4
1968	3.5	9.7	4.5	2.7	2.7	3.7	10.5	5.1	2.9	2.9	3.2	8.8	...	2.4	1.7
1969	3.1	8.6	4.0	2.3	2.5	3.3	9.9	4.4	2.4	2.8	2.8	7.8	...	2.2	2.0
1970	4.3	11.2	6.0	3.2	3.0	4.5	12.3	7.3	3.5	3.2	3.8	9.8	...	2.6	2.6
1971	5.3	13.7	7.9	3.7	3.8	5.5	15.6	9.4	3.8	4.2	4.8	11.5	...	3.4	3.0
1972	4.8	11.7	7.5	3.4	3.5	5.1	13.5	8.9	3.5	3.7	4.4	9.4	...	5.8	3.3
1973	4.1	9.7	6.6	3.0	2.7	4.0	10.1	7.3	2.9	2.8	4.1	9.1	...	5.7	3.2
1974	4.2	9.6	6.5	3.1	2.7	4.0	10.3	6.9	2.8	2.9	4.4	8.7	...	6.0	3.7
1975	6.3	14.2	9.0	5.0	4.1	5.4	14.4	9.2	3.9	3.3	7.8	13.9	...	8.8	6.9
1976	6.2	14.7	8.8	5.1	3.4	5.1	14.9	8.9	3.7	2.8	7.8	14.4	...	8.6	7.4
1977	7.0	15.6	11.2	5.3	4.3	5.9	15.8	11.1	4.0	3.6	8.6	15.4	...	11.3	7.5
1978	7.2	16.8	10.2	5.8	4.3	6.2	17.5	10.2	4.2	3.7	8.8	16.0	...	10.2	8.3
1979	6.5	15.0	9.2	5.2	4.0	5.6	15.1	9.2	3.9	3.5	7.8	14.8	...	9.3	7.1

1) Unemployed estimates less than 4,000.

Source: SC, Labour Force Survey Division.

Table 11.19

Unemployed Persons by Occupation, Canada and Ontario, 1975 – 1979

	All Occupations	Managerial, Administrative, etc. ²	Clerical	Sales	Service	Primary Occupations ³	Processing, etc. ⁴	Construction	Transportation	Materials Handling and Other Crafts	Never Worked ⁵
Annual Averages ('000's)											
1975											
Canada	690	61	91	46	90	41	121	78	27	36	94
Ontario	242	23	37	18	30	11	49	24	9	13	30
1976											
Canada	727	80	111	53	107	45	124	88	30	36	53
Ontario	240	29	41	19	33	11	43	23	8	12	20
1977											
Canada	850	84	130	66	135	51	144	103	34	42	62
Ontario	280	29	47	22	44	12	50	28	11	14	22
1978											
Canada	911	96	141	68	149	54	140	115	35	40	72
Ontario	300	32	53	22	47	13	47	31	11	14	29
1979											
Canada	838	84	125	60	145	52	132	94	33	40	73
Ontario	280	27	42	21	46	14	53	27	9	13	28

1) 1975 to 1977 revisions based on re-benchmarking to the 1976 census of population.

2) Includes managerial and administrative, natural sciences, social sciences, religion, teaching, medicine and health, artistic and recreational occupations.

3) Includes farmers and farm workers, fishermen, trappers and hunters, loggers and related workers, miners, quarrymen and related workers.

4) Includes processing, machining and product fabricating, assembling and repairing.

5) Comprises unemployed persons who never had a full-time job lasting two weeks or more.

Source: SC, Labour Force Survey Division, (71-001).

Table 11.20

Duration of Unemployment, Canada and Ontario, 1973 – 1979

	Total Unemployed	Unemployed Under Three Months ¹	Unemployed Three Months and Over	Other ²
Annual Averages ('000's)				
1973				
Canada	509	329	180	..
Ontario	140	97	43	..
1974				
Canada	510	343	168	..
Ontario	149	108	42	..
1975				
Canada	685	493	193	..
Ontario	223	169	55	..
1976				
Canada	727'	455'	243	29
Ontario	240'	160'	71'	9
1977				
Canada	850'	523'	298'	30
Ontario	280'	179'	91'	9
1978				
Canada	911	540	339	31
Ontario	300	184	107	9
1979				
Canada	838	519	290	29
Ontario	280	182	91	8

1) Includes persons on temporary layoff up to 30 days and persons seeking work under 3 months.

2) Includes persons with a job to start within 4 weeks of the reference week who had not actively looked for work in the past 4 weeks, but who were available for work in the reference week.

Source: SC, *The Labour Force*, (71-001).

Table 11.21
Current Full-Time Job Vacancies by Selected Occupation¹, Canada and Ontario, Quarterly,
1971-1978

1971-1978		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Canada					
All occupations	1971	23,200	33,900	38,500	34,800
	1972	37,800	46,200	79,000	70,200
	1973	66,500	79,000	89,400	77,400
	1974	80,000	98,700	116,200	71,200
	1975	56,300	62,500	63,000	44,800
	1976	44,100	49,300	54,700	35,800
	1977	35,300	43,200	45,500	30,900
	1978	34,300	39,800	45,000	39,500
Ontario					
All occupations	1971	9,200	12,100	17,500	13,700
	1972	12,400	18,400	35,100	28,900
	1973	24,800	29,300	36,400	30,400
	1974	31,700	37,900	48,900	25,400
	1975	21,900	20,700	19,800	17,100
	1976	13,500	17,000	19,600	12,300
	1977	12,300	17,800	17,700	12,800
	1978	13,100	15,100	16,600	17,300
Managerial, administrative and related	1971	500	400	600	500
	1972	600	800	1,100	1,100
	1973	800	800	1,200	1,500
	1974	1,200	1,400	1,600	1,200
	1975	1,400	1,100	700	1,200
	1976	800	800	800	1,000
	1977	800	700	900	800
	1978	1,000	1,200	1,000	900
Natural sciences, engineering and mathematics	1971	700	1,200	800	600
	1972	700	700	1,000	1,100
	1973	1,800	1,400	1,400	3,400
	1974	2,200	2,600	2,900	1,800
	1975	2,000	1,400	1,000	700
	1976	1,300	1,000	900	900
	1977	1,000	1,200	900	1,000
	1978	1,800	1,800	1,400	2,300
Medicine and health	1971	500	700	1,200	900
	1972	600	1,000	800	1,100
	1973	1,100	1,200	1,900	1,100
	1974	1,300	1,700	2,100	1,000
	1975	1,000	600	1,000	700
	1976	300	300	600	300
	1977	400	400	500	400
	1978	400	300	700	400
Clerical and related	1971	2,000	2,700	2,900	2,300
	1972	1,900	3,300	4,900	3,900
	1973	4,500	3,900	4,900	4,200
	1974	5,800	5,300	8,200	4,000
	1975	4,400	4,200	3,800	3,300
	1976	2,500	3,000	4,800	2,500
	1977	2,400	2,300	3,100	2,100
	1978	2,500	2,800	2,800	2,600

Table 11.21 (cont'd)Current Full-Time Job Vacancies by Selected Occupation¹, Canada and Ontario, Quarterly, 1971-1978

		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Sales	1971	1,100	1,100	2,900	2,000
	1972	1,000	2,100	4,000	3,900
	1973	2,400	2,700	2,500	2,100
	1974	2,400	2,100	3,700	1,900
	1975	1,700	1,200	1,800	1,700
	1976	1,400	1,000	1,400	1,400
	1977	1,300	1,500	1,100	1,100
	1978	1,100	1,200	1,200	1,200
Service	1971	800	800	1,300	1,100
	1972	1,400	1,500	4,400	3,400
	1973	2,400	4,300	4,300	2,900
	1974	2,900	4,700	4,600	3,300
	1975	2,300	2,900	2,800	1,600
	1976	1,200	1,700	2,100	1,000
	1977	1,400	2,900	2,000	1,300
	1978	900	1,300	1,300	1,200
Machining and related	1971	700	400	700	700
	1972	1,000	1,300	2,100	3,200
	1973	2,500	2,700	3,900	3,800
	1974	3,800	4,900	4,000	2,000
	1975	1,100	1,500	900	1,100
	1976	1,000	1,000	900	800
	1977	900	1,300	1,600	1,600
	1978	1,200	1,500	1,600	2,200
Product fabricating, assembling and repairing	1971	800	1,100	2,200	2,700
	1972	2,200	2,600	7,300	5,100
	1973	4,100	5,300	6,500	4,600
	1974	5,400	6,700	8,200	4,200
	1975	2,400	2,700	3,000	2,700
	1976	1,900	3,400	3,600	1,700
	1977	2,000	2,900	3,100	1,700
	1978	1,900	1,800	2,800	3,400
Construction trades	1971	200	1,000	1,800	700
	1972	700	700	2,200	2,000
	1973	900	1,600	2,700	1,200
	1974	1,000	1,900	2,300	1,200
	1975	900	1,400	1,400	700
	1976	400	1,700	800	500
	1977	300	1,500	2,000	600
	1978	400	800	800	700

¹ Occupations are based on the "Canadian Classification and Dictionary of Occupations 1971".Source: SC, *Quarterly Report on Job Vacancies*.

Table 11.22

Current Full-Time Job Vacancies by Selected Industry, Canada and Ontario, Quarterly,
1971-1978

		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Canada					
All industries ¹	1971	23,200	33,900	38,500	34,800
	1972	37,800	46,200	79,000	70,200
	1973	66,500	79,000	89,400	77,400
	1974	80,000	98,700	116,200	71,200
	1975	56,300	62,500	63,000	44,800
	1976	44,100	49,300	54,700	35,800
	1977	35,300	43,200	45,500	30,900
	1978	34,300	39,800	45,000	39,500
Ontario					
All industries	1971	9,200	12,100	17,500	13,700
	1972	12,400	18,400	35,100	28,900
	1973	24,800	29,300	36,400	30,400
	1974	31,700	37,900	48,900	25,400
	1975	21,900	20,700	19,800	17,100
	1976	13,500	17,000	19,600	12,300
	1977	12,300	17,800	17,700	12,800
	1978	13,100	15,100	16,600	17,300
Manufacturing	1971	2,400	3,300	4,300	3,500
	1972	4,500	6,500	14,500	9,600
	1973	9,500	11,000	13,800	11,800
	1974	12,100	15,600	19,300	8,900
	1975	5,600	4,900	5,300	5,200
	1976	4,800	5,300	6,900	3,500
	1977	3,900	5,100	4,600	4,500
	1978	4,500	4,900	6,300	7,500
Construction	1971	200	700	1,400	500
	1972	400	500	1,800	2,200
	1973	900	1,800	3,200	1,800
	1974	1,100	2,300	2,100	1,000
	1975	900	1,400	1,200	700
	1976	500	1,500	600	900
	1977	400	1,400	2,200	900
	1978	300	700	700	700
Transportation, communication and other utilities	1971	600	1,000	900	700
	1972	700	900	700	900
	1973	1,100	1,100	1,400	1,000
	1974	2,000	1,900	2,900	1,700
	1975	2,000	2,000	600	1,000
	1976	600	1,600	800	500
	1977	500	1,100	500	300
	1978	400	800	700	700
Trade	1971	1,400	1,400	3,900	3,000
	1972	2,200	2,900	5,600 ²	5,400
	1973	4,200	4,800	5,700 ²	3,600
	1974	4,200	4,300	6,900	3,500
	1975	2,800	3,100	3,500	3,300
	1976	2,200	2,300	3,500	2,200
	1977	2,200	2,700	2,900	1,800
	1978	1,800	1,800	2,100	2,300

Table 11.22 (cont'd)

Current Full-Time Job Vacancies by Selected Industry, Canada and Ontario, Quarterly, 1971-1978

		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Finance, insurance and real estate	1971	900	1,000	1,000	1,500
	1972	900	1,700	2,600	3,700
	1973	1,500	1,500	2,000	2,000
	1974	1,800	1,800	2,400	1,700
	1975	2,100	1,500	1,600	700
	1976	900	1,000	1,600	1,100
	1977	800	1,100	1,300	900
	1978	1,400	1,400	1,400	1,500
Community, business and personal services	1971	2,100	3,300	4,200	2,600
	1972	2,600	4,500	8,200	5,500
	1973	5,800	7,400	8,000	7,400
	1974	7,900	9,000	10,400	5,800
	1975	5,000	5,400	5,300	3,900
	1976	3,400	3,800	4,600	2,800
	1977	3,200	4,800	4,900	3,600
	1978	3,500	4,200	4,000	3,700
Commercial ²	1971	1,100	1,300	2,100	1,300
	1972	1,500	2,700	6,500	3,400
	1973	3,800	5,400	5,200	5,600
	1974	5,900	6,600	7,400	4,100
	1975	3,600	3,900	3,600	2,500
	1976	2,500	2,900	3,300	1,800
	1977	2,300	4,000	3,700	1,900
	1978	2,500	3,000	2,800	2,600
Non-commercial ³	1971	1,100	2,000	2,100	1,400
	1972	1,100	1,800	1,800	2,100
	1973	1,900	2,000	2,800	1,800
	1974	2,100	2,400	3,000	1,800
	1975	1,500	1,500	1,700	1,400
	1976	900	900	1,300	1,000
	1977	900	800	1,200	1,600
	1978	1,000	1,200	1,200	1,100
Public administration and defence ⁴	1971	800	1,000	1,300	1,600
	1972	800	1,200	1,300	1,400
	1973	1,300	1,400	1,700	2,000
	1974	1,800	2,400	3,900	1,900
	1975	3,100	2,000	1,700	1,800
	1976	900	1,200	1,300	1,200
	1977	1,000	1,100	1,000	700
	1978	1,100	1,000	900	700

1) Excludes agriculture, fishing and trapping, domestic service and the non-civilian component of public administration and defence.

2) Includes health services (excluding hospitals), motion picture and recreational services, services to business management, personal services (excluding domestic) and miscellaneous services.

3) Includes hospitals, education, welfare and religious organizations.

4) Excludes non-civilian.

Source: SC, *Quarterly Report on Job Vacancies*.

Table 11.23
 Union Membership, Canada and Ontario, 1961–1977

	Canada		Ontario		Ontario as Per Cent of Canada
	Number	Per Cent Change From Previous Year	Number	Per Cent Change From Previous Year	
1961	1,446,900	– 0.9	550,000	– 1.1	38.0
1962	1,422,800	– 1.7	538,000	– 2.1	37.9
1963	1,449,200	+ 1.9	553,000	+ 2.7	38.2
1964	1,493,200	+ 3.0	577,100	+ 4.4	38.6
1965	1,588,800	+ 6.4	614,900	+ 6.5	38.7
1966	1,737,800	+ 9.4	655,500	+ 6.6	37.7
1967	1,920,600	+10.5	721,600	+10.1	37.6
1968	2,009,700	+ 4.6	716,200	– 0.8	35.6
1969	2,074,600	+ 3.2	753,500	+ 5.2	36.3
1970	2,173,100	+ 4.7	801,200	+ 6.3	36.9
1971	2,231,200 ^f	+ 2.7	878,900 ^f	+ 9.7	39.4
1972	2,382,200 ^f	+ 6.8 ^f	910,500 ^f	+ 3.6	38.2 ^f
1973	2,591,000 ^f	+ 8.8 ^f	990,500 ^f	+ 8.8	38.2 ^f
1974	2,731,900 ^f	+ 5.4 ^f	1,036,400 ^f	+ 4.6	37.9 ^f
1975	2,884,500 ^f	+ 5.6 ^f	1,083,600 ^f	+ 4.6	37.6 ^f
1976	3,042,300	+ 5.5	1,118,200	+ 3.2	36.8
1977	3,149,200	+ 3.5	1,127,900	+ 0.9	35.8

Source: Ministry of Labour, Research Branch.
 Labour Canada, *Labour Organizations in Canada 1974–75*.
 Labour Canada, *The Labour Gazette*.

Table 11.24
Distribution of Membership of Reporting National Labour Organizations¹ by Affiliation, Canada and Ontario, 1969–1977

	Membership						Total Membership					
	CLC		CSD		CNTU		PSAC/CLC		Unaffiliated		Total Membership	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
1969												
Canada	243,013	100.0	...	...	175,412	100.0	112,755	100.0	314,468	100.0	845,648	100.0
Ontario	86,113	35.4	...	...	36	..	49,829	44.2	73,716	23.4	209,694	24.8
1970												
Canada	256,522	100.0	...	...	185,614	100.0	122,185	100.0	320,024	100.0	884,345	100.0
Ontario	94,939	37.0	...	...	996	0.5	54,355	44.5	72,640	22.7	222,930	25.2
1971												
Canada	274,809	100.0	...	...	184,925	100.0	129,626	100.0	370,988	100.0	960,348	100.0
Ontario	99,589	36.2	...	...	150	0.1	58,283	45.0	89,658	24.2	247,680	25.8
1972												
Canada	299,140	100.0	23,676	100.0	132,658	100.0	133,319	100.0	345,698	100.0	934,491	100.0
Ontario	110,080	36.8	...	...	110	0.1	59,439	44.6	93,314	27.0	262,943	28.1
1973												
Canada	361,031	100.0	37,303	100.0	160,254	100.0	128,308	100.0	377,045	100.0	1,063,941	100.0
Ontario	117,220	32.5	...	...	115	0.1	56,028	43.7	98,482	26.1	271,845	25.5
1974												
Canada	464,298	100.0	27,763	100.0	174,471	100.0	135,827	100.0	393,835	100.0	1,196,194	100.0
Ontario	133,809	28.8	...	...	151	0.1	61,706	45.4 ¹	113,101	28.7	308,767	25.8
1975												
Canada	530,894	100.0	26,101	100.0	152,214	100.0	143,576	100.0	371,649	100.0	1,224,434	100.0
Ontario	153,050	28.8	...	...	187	0.1	66,766	46.5	108,736	29.3	328,739	26.9
1976												
Canada	555,021	100.0	24,987	100.0	150,217	100.0	145,663	100.0	388,091	100.0	1,263,979	100.0
Ontario	162,299	29.2	...	...	185	0.1	67,727	46.5	106,962	27.6	337,173	26.7
1977												
Canada	576,600	100.0	24,591	100.0	152,222	100.0	154,437	100.0	400,293	100.0	1,308,143	100.0
Ontario	170,572	29.6	...	...	193	0.1	71,299	46.2	133,640	33.4	375,704	28.7

¹ Including government employees' organizations.

Source: SC, *Corporations and Labour Unions Return Act, Part II – Labour Unions*.

Table 11.25
Distribution of Membership of Reporting International Labour Organizations by Affiliation, Canada and Ontario, 1969 – 1977

	Membership										Total Membership
	AFL-CIO only			CLC only			Unaffiliated				
	Number	%		Number	%		Number	%			
1969											
Canada	1,131,752	100.0		471	100.0		124,497	100.0		115,278	100.0
Ontario	469,522	41.5		391	83.0		102,710	82.5		61,075	52.9
										633,698	46.2
1970											
Canada	1,168,037	100.0		485	100.0		112,600	100.0		102,059	100.0
Ontario	485,834	41.6		415	85.6		100,944	89.7		52,922	51.9
										640,115	46.3
1971											
Canada	1,202,108	100.0		501	100.0		108,623	100.0		103,602	100.0
Ontario	498,833	41.5		404	80.6		97,548	89.8		52,990	51.1
										1,414,834	100.0
										649,775	45.9
1972											
Canada	1,233,643	100.0		475	100.0		113,132	100.0		95,460	100.0
Ontario	508,466	41.2		392	82.6		101,333	89.6		47,850	50.1
										1,442,710	100.0
										658,041	45.6
1973											
Canada	1,281,246	100.0		466	100.0		155,531	100.0		78,928	100.0
Ontario	517,888	40.4		379	81.3		134,950	86.8		30,443	38.6
										683,660	45.1
1974											
Canada	1,250,050	100.0		501	100.0		151,806	100.0		84,281	100.0
Ontario	514,925	41.2		414	82.6		130,129	85.7		31,289	37.1
										1,486,638	100.0
										676,757	45.5
1975											
Canada	1,274,888	100.0		-	-		152,427	100.0		84,517	100.0
Ontario	521,451	40.9		-	-		129,761	85.1		31,712	37.5
										682,924	45.2
1976											
Canada	1,239,058	100.0		38,089	100.0		151,081	100.0		86,515	100.0
Ontario	509,336	41.1		9,758	25.6		130,341	86.3		30,697	35.5
										1,514,743	100.0
										680,132	44.9
1977											
Canada	1,257,489	100.0		9,184	100.0		159,361	100.0		87,867	100.0
Ontario	507,775	40.4		5,739	62.5		137,166	86.1		31,049	35.3
										1,513,901	100.0
										681,729	45.0

Source: SC, Corporations and Labour Unions Return Act, Part II — Labour Unions.

Table 11.26

Distribution of Collective Agreements of All Reporting Labour Organizations, Canada and Ontario, 1968 – 1977

	International Unions		National Unions		Government Employees' Organizations		Total	
	Agreements	Locals	Agreements	Locals	Agreements	Locals	Agreements	Locals
1968								
Canada	12,921	5,019	4,257	2,633	84	1,992	17,262	9,644
Ontario	5,188	2,190	687	581	60	729	5,935	3,500
1969								
Canada	12,305	4,928	3,309	2,770	105	1,966	15,719	9,664
Ontario	5,048	2,165	673	580	83	722	5,804	3,467
1970								
Canada	12,582	4,886	2,641	3,040	85	2,173	15,308	10,099
Ontario	5,598	2,160	474	613	68	857	6,140	3,630
1971								
Canada	16,231	4,889	3,834	3,210	60	2,262	20,125	10,361
Ontario	7,243	2,163	744	635	33	897	8,020	3,695
1972								
Canada	14,507	4,804	3,723	3,128	61	2,451	18,291	10,383
Ontario	6,351	2,129	809	656	36	1,036	7,196	3,821
1973								
Canada	13,439	4,674	4,201	3,470	202	2,826	17,842	10,970
Ontario	5,677	2,068	856	689	147	1,114	6,680	3,871
1974								
Canada	14,005	4,388	5,010	4,089	286	3,010	19,301	11,487
Ontario	6,195	2,000	1,087	763	160	1,144	7,442	3,907
1975								
Canada	13,639	4,361	5,326	4,301	287	2,874	19,252	11,536
Ontario	5,889	1,992	1,269	863	164	976	7,322	3,831
1976								
Canada	13,656	4,282	5,684	4,476	268	2,939	19,608	11,697
Ontario	5,766	1,981	1,377	914	164	1,000	7,307	3,895
1977								
Canada	13,491	4,265	6,065	4,942	286	2,964	19,842	12,171
Ontario	5,769	1,954	1,636	1,113	163	998	7,568	4,065

Source: SC, *Corporations and Labour Unions Return Act, Part II – Labour Unions*.

Table 11.27**Strikes and Lockouts, Ontario, 1958 – 1979**

	Number of Strikes and Lockouts	Duration of Strikes and Lockouts in Person-Days						
		Employees Involved		Ontario				
		Number	Per Strike and Lockout	Canada	Number	As a Per- cent of Canada	Per Employee Involved	Per Cent of Estimated Working Time
1958	132	58,467	443	2,872,340	1,918,030	66.8	32.8	..
1959	104	25,540	246	2,286,900	267,730	11.7	10.5	..
1960	156	24,085	154	738,700	337,370	45.7	14.0	..
1961	166	39,817	240	1,335,080	644,770	48.3	16.2	0.14
1962	172	32,985	192	1,417,900	424,590	29.9	12.9	0.09
1963	181	37,744	209	917,140	364,190	39.7	9.6	0.07
1964	188	52,442	279	1,580,550	712,095	45.1	13.6	0.13
1965	269	92,633	344	2,349,870	1,343,001	57.2	14.5	0.24
1966	297	121,110	408	5,178,170	1,356,130	26.2	11.2	0.23
1967	228	65,563	288	3,974,760	1,542,550	38.8	23.5	0.25
1968	286	136,407	477	5,082,732	2,922,090	57.5	21.4	0.46
1969	238	130,909	550	7,751,880	5,318,770	68.6	40.6	0.80
1970	215	81,592	380	6,539,560	2,547,210	39.0	31.2	0.37
1971	205	79,726	389	2,866,590	1,366,750	47.7	17.1	0.20
1972	188	68,590	365	7,753,530	2,072,830	26.7	30.2	0.29
1973	204	108,469	532	5,776,140	1,694,210	29.3	15.6	0.22
1974	339	117,419	346	9,255,120	2,628,000	28.4	22.4	0.33
1975	359	124,773	348	10,908,810	3,175,270	29.1	25.5	0.41
1976	279	109,527	393	10,624,130	1,654,800	15.6	15.1	0.20
1977	243	83,250	343	3,420,960	1,109,039	32.4	13.3	0.13
1978	276	121,771	441	7,392,820	2,970,370	40.2	24.4	0.34
1979	308	106,629	346	7,834,230	2,529,050	32.3	23.7	0.28

Source: Ministry of Labour, Research Branch, *Union Membership – Strikes and Lockouts*.

Income

Highlights

- **Provincial Accounts** – In 1977, Ontario's Gross Provincial Product (GPP) at market prices was \$82.1 billion; 1978 figures indicate a GPP of \$89.7 billion at market prices, representing a 9.4 per cent increase over 1977. Of the 1978 total GPP, wages salaries and supplementary labour income accounted for 59.1 per cent, or \$53.0 billion. Corporate profits before taxes accounted for 11.9 per cent and indirect taxes less subsidies for 11.6 per cent. Ontario personal expenditure in 1978 on consumer goods and services represented 58.9 per cent of \$52.8 billion of \$89.7 billion of Gross Provincial Expenditure (GPE); exports of goods and services abroad accounted for 33.3 per cent or \$29.9 billion.
- **Personal Income** – In 1978, Ontario personal income per capita was \$8,735, an increase of 8.6 per cent over the 1977 figure of \$8,046; in Canada in 1978 the per capita income was \$8,049, an increase of 9.3 per cent over the 1977 figure of \$7,361. Ontario personal disposable income represented 39.2 per cent of personal disposable income in Canada in 1978.

Preliminary 1978 figures suggest that 17.7 per cent of unattached individuals in Ontario have an annual income under \$3,000; in Canada 16.6 per cent of unattached individuals were in this category. In 1978, 20.7 per cent of the unattached individuals and 70.3 per cent of the families surveyed in Ontario had an income of \$15,000 and over per annum; in Canada the comparable figures were 17.5 per cent and 66.2 per cent, respectively.

In 1978, 31.3 per cent of the families and 35.2 per cent of unattached individuals classified as being in the revised low income bracket in Canada resided in Ontario. In the same year, Ontario had 37.4 per cent of the families and 36.6 per cent of unattached individuals classified as not being in the low income bracket. In 1978, 9.6 per cent of all families and 35.8 per cent of all unattached individuals were classified as being in the low income category in Ontario.

- **Wages** – The minimum hourly wage in Ontario for general workers has risen from \$1.00 as of December 27, 1965 to \$3.00 as of January 1, 1979. Ontario's industrial composite for average weekly earnings in 1977 was \$285.57 compared with \$288.25 for Canada; average weekly earnings in manufacturing in Ontario were \$318.28, compared with \$311.19 for Canada; in mining, the average weekly figure for Ontario was \$383.34 and \$419.39 for Canada. Windsor in 1978 had an industrial composite for average weekly earnings of \$317.79 and average weekly earnings of \$376.48 in manufacturing; Toronto's figures were \$283.69 and \$307.59 respectively.
- **Taxable Income** – Of a total of \$97.1 billion of taxable income for Canada in 1978, Ontario accounted for \$38.4 billion, or 39.6 per cent. In 1978, Ontarians had a total tax payable of \$9.1 billion, an increase of 13.5 per cent over 1976's figure and 5.6 per cent over 1977.

Definitions

Provincial Income – Net provincial income at factor cost measures the current earnings of Ontario factors of production (land, labour and capital) from productive activity. It includes wages and salaries, profits, interest, net rent and net income of farm and non-farm unincorporated business.

Gross Provincial Product (GPP) – By totalling all costs arising in production, GPP measures the market value of all final goods and services produced in the current period by Ontario factors of production. It is equal to provincial income plus net indirect taxes (indirect taxes less subsidies), plus capital consumption allowances and miscellaneous valuation adjustments.

Gross Provincial Expenditure (GPE) – GPE measures production of final goods and services at market prices, by tracing the disposition of production through final sales to persons, to governments, to business on capital account (including changes in inventories) and to non-residents (exports). Imports of goods and services, payments of interest and dividends to the rest of Canada and federal government income received from or accrued in Ontario are deducted since the purpose is to measure only Ontario production.

Industrial Composite – Represents the sum of industries included in the mail survey of the Labour Division of Statistics Canada.

Personal Income – The sum of current receipts of income whether or not these receipts represent earnings from production. It includes transfer payments from government (such as family allowances, unemployment insurance benefits and old age security payments) in addition to wages and salaries, net income of farm and non-farm unincorporated business, interest, dividends and net rental income of persons. It does not include undistributed profits of corporations and other elements of the provincial income not paid out to persons.

Taxable Income – The amount of income taxable after deducting all exemptions and allowances.

Income – Total monetary income received before deduction for such items as income tax, unemployment insurance and pension fund contributions. It consists of wages and salaries, net income from self-employment, investment income, government transfer payments and miscellaneous other components such as retirement pensions, annuities, scholarships, alimony and the like.

Survey of Consumer Finances (SCF) – The data shown in tables 12.7, 12.8 and 12.9 are derived from this survey which is based on a sample developed for use by the monthly Labour Force Survey. It is a multi-stage stratified clustered probability sample designed to represent all families and unattached individuals (with a few minor exceptions).

Each sampled unit is weighted by a factor that adjusts for differences in sampling ratios and non-response and which when aggregated, yields totals consistent with independent provincial estimates of families and unattached individuals, derived from the Census and other sources.

The following definitions related specifically to the data derived from the SCF.

Economic Family – Family, is a group of individuals sharing a common dwelling unit and related by blood, marriage or adoption. At the time of survey all relatives living together were considered to comprise one family whatever the degree of family relationship. No recall or adjustment was made to account for persons who were members of the family for part of the year and who left because of marriage, death or other reasons. Some family units existing at the time of the survey were not family units during the whole year; for example, a couple who married in the middle of that year. Aside from single sons and daughters, other relatives most commonly found living in the household were married sons and daughters and widowed parents.

Head of Family: The head of a family is determined as follows: (i) in families consisting of married couples with or without children, the husband is considered the head, (ii) in single-parent families with unmarried children, the parent is the head, (iii) in single-parent families with married children, the member who is mainly responsible for the maintenance of the family becomes the head, (iv) in families where relationships are other than husband-wife or parent-child, the eldest in the family is normally considered the head.

Unattached Individual – A person living alone or in a household where he/she is not related to other household members.

Family Unit – Designates collectively unattached individuals and families of two or more members.

Updated Cut-Offs – Determined by adjusting the low income limits developed in 1961 for increasing prices, as reflected in the Consumer Price Index. These income limits were selected on the basis that urban families with incomes below these limits usually spent 70 per cent or more of their income on food, shelter and clothing.

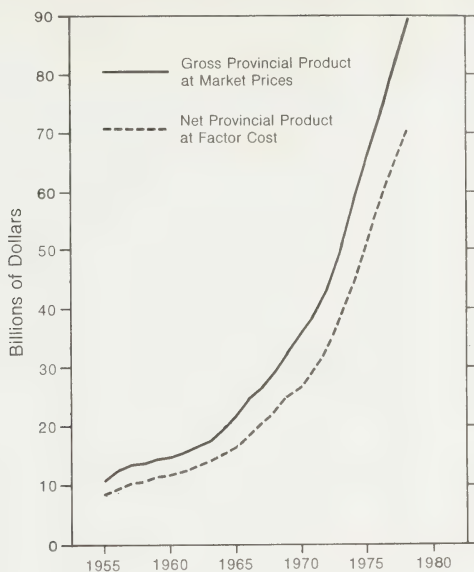
Revised Cut-Offs – Determined from an analysis of 1969 Family Expenditure data. As a result, the revised low income limits reflect more recent consumption patterns of Canadian families. As the overall ratio spent on food, shelter and clothing had declined, families who on average spent 62 per cent or more of their income on this type of goods and services were considered to be in straitened circumstances. These limits were differentiated by size of area of residence in addition to family size. These cut-offs are adjusted annually by a factor corresponding to the annual rate of change in the Consumer Price Index.

Average Income – Average Income = Aggregate total income

Estimated number of families in the category.

Graph 12.A

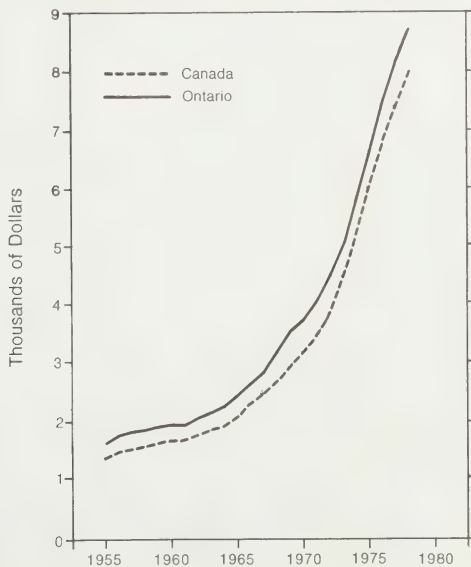
Provincial Income and Gross Provincial Product, Ontario, 1955-1978



Refer to Table 12.1.

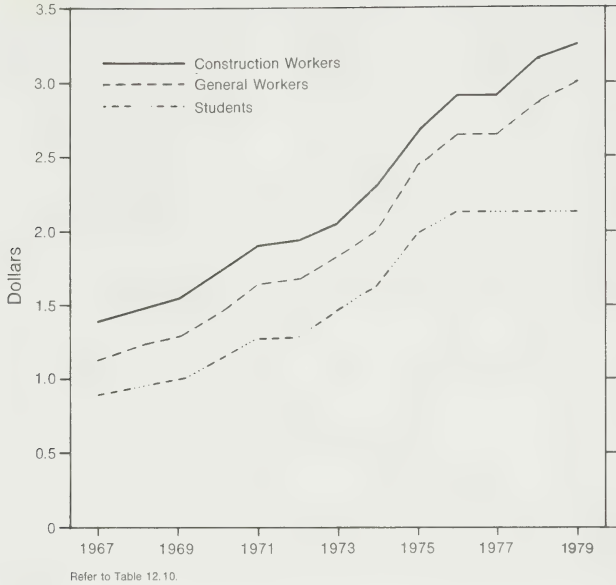
Graph 12.B

Personal Income per Person, Canada and Ontario, 1955-1978



Refer to Table 12.5.

Graph 12.C
Minimum Hourly Wages, Ontario, 1967-1979



Graph 12.D
Average Weekly Earnings, Industrial Composite Manufacturing and Mining, Ontario, 1950-1979

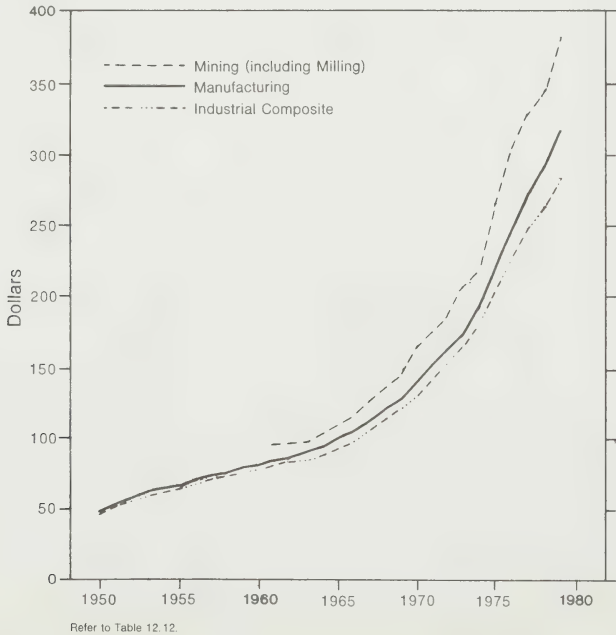


Table 12.1
Provincial Income and Gross Provincial Product, Ontario, 1965, 1972-1978

	1965	1972	1973	1974	1975	1976	1977	1978
	\$ Million							
1. Wages, salaries and supplementary labour income	11,840	24,888	28,536	33,619	38,443	44,160	48,679	53,021
2. Military pay and allowances	205	314	342	375	408	447	469	501
3. Corporate profits before taxes	2,793	4,857	6,770	8,304	8,150	8,175	9,175	10,665
4. Deduct: Dividends paid to non-residents	-538	-828	-1,060	-1,252	-1,246	-1,062	-1,313	-1,525
5. Interest and miscellaneous investment income	696	1,684	2,054	2,660	2,987	3,610	4,150	4,542
6. Accrued net income of farm operators from farm productions	300	441	590	735	879	685	790	806
7. Net income of non-farm unincorporated business including rent	1,578	2,547	2,711	2,785	3,038	3,346	3,492	3,695
8. Inventory valuation adjustment	-141	-458	-984	-1,621	-1,179	-725	-1,465	-1,664
9. Net Provincial Income at Factor Cost	16,733	33,445	38,959	45,605	51,480	58,636	63,977	70,041
10. Indirect taxes less subsidies	3,099	6,005	6,829	7,767	7,133	8,675	9,772	10,412
11. Capital consumption allowances and miscellaneous valuation adjustments	2,438	4,329	4,850	5,755	6,350	7,225	7,926	8,672
12. Residual error of estimate	-609	-202	-81	+ 913	+ 760	-403	+ 377	+ 611
13. Gross Provincial Product at Market Prices	21,661	43,577	50,557	60,040	65,723	74,133	82,052	89,736

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 12.2
Gross Provincial Expenditure, Ontario, 1965, 1972-1978

	1965	1972	1973	1974 ^a	1975 ^a	1976 ^a	1977 ^a	1978
	\$ Million							
1. Personal expenditure on consumer goods and services	13,052	22,490	25,375	33,439	38,638	43,240	47,920	52,845
2. Government expenditure on goods and services								
a) Current expenditure	2,843	6,480	7,249	9,167	10,947	12,123	13,449	14,614
b) Capital expenditure	2,055	5,266	5,925	7,610	9,161	10,330	11,475	12,544
3. Business gross fixed capital formation	788	1,214	1,324	1,557	1,786	1,793	1,974	2,070
4. Value of physical change in inventories	3,506	6,193	6,918	10,231	11,142	12,006	12,703	13,246
a) New residential and non-residential construction	1,850	3,646	4,210	5,984	6,221	6,912	7,184	7,148
b) New machinery and equipment	1,656	2,547	2,708	4,247	4,921	5,094	5,519	6,098
5. Exports of goods and services abroad	544	-79	409	1,212	-210	327	564	-52
a) Non-farm business inventories	590	193	382	1,191	-254	255	246	74
b) Farm inventories and grain in commercial channels	-46	-272	27	21	44	72	318	-126
6. Deduct: Imports of goods and services from abroad	5,633	11,012	12,236	18,459	19,351	22,042	25,739	29,907
7. Exports of labour services to federal government	-5,165	-9,023	-10,196	-13,616	-15,851	-18,570	-20,601	-22,906
8. Deduct: Federal government investment income received from or accrued in Ontario	723	1,361	1,555	2,123	2,439	2,619	2,842	3,018
9. Dividends received from R.O.C. ¹	-93	-174	-208	-208	-110	-148	-265	-423
10. Deduct: Dividends paid to R.O.C. ¹	183	218	401	711	638	461	544	660
11. Residual error of estimate	-175	-203	-364	-566	-501	-371	-467	-562
12. Gross Provincial Expenditure at Market Prices	+ 610	+ 268	+ 202	-912	-760	+ 404	-376	-611
	21,661	38,543	43,577	60,040	65,723	74,133	82,052	89,736

¹⁾ R.O.C. = rest of Canada.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 12.3
Summary of Personal Income, Canada and Ontario, 1950–1978

	Canada			Ontario			Ontario as % of Canada		
	Personal Income		Personal Disposable Income	Personal Income		Personal Disposable Income	Personal Income	Personal Disposable Income	Transfers to Government ¹
	Amount \$ Million	Per Capita \$		Amount \$ Million	Per Capita \$				
1950	14,262	1,040	13,285	5,638	1,261	5,208	39.5	39.2	44.0
1951	16,791	1,199	15,435	6,521	1,418	5,916	38.8	38.3	44.6
1952	18,592	1,286	16,922	7,207	1,505	6,467	38.8	38.2	44.3
1953	19,550	1,317	17,718	7,681	1,555	6,860	39.3	38.7	44.8
1954	19,717	1,290	17,868	7,930	1,550	7,090	40.2	39.7	45.4
1955	21,265	1,355	19,331	8,525	1,619	7,644	40.1	39.5	45.6
1956	23,531	1,463	21,307	9,320	1,724	8,273	39.6	38.8	47.1
1957	25,170	1,515	22,714	10,211	1,812	9,066	40.6	39.9	46.6
1958	26,651	1,560	24,313	10,802	1,856	9,745	40.5	40.1	45.2
1959	28,108	1,608	25,440	11,406	1,911	10,167	40.6	40.0	46.4
1960	29,595	1,656	26,567	11,923	1,951	10,529	40.3	39.6	46.0
1961	30,104	1,651	26,904	12,187	1,954	10,720	40.5	39.8	45.8
1962	32,788	1,764	29,340	13,098	2,062	11,533	39.9	39.3	45.4
1963	34,829	1,840	31,168	13,976	2,156	12,320	40.1	39.5	45.2
1964	37,282	1,933	33,049	15,030	2,267	13,106	40.3	39.7	45.5
1965	41,071	2,091	36,263	16,537	2,436	14,301	40.3	39.4	46.5
1966	46,094	2,303	39,901	18,655	2,680	15,850	40.5	39.7	45.3
1967	50,579	2,482	43,123	20,553	2,884	17,233	40.6	40.0	44.5
1968	55,677	2,690	46,820	22,844	3,146	18,855	41.0	40.3	45.0
1969	61,804	2,943	50,911	25,629	3,470	20,696	41.5	40.7	45.3
1970	66,633	3,129	54,009	27,974	3,705	22,189	42.0	41.1	45.8
1971	74,092	3,435	59,943	30,966	4,020	24,567	41.8	41.0	45.2
1972	83,767	3,842	68,100	34,822	4,459	27,893	41.6	41.0	44.2
1973	97,832	4,438	79,719	39,884	5,043	32,104	40.8	40.3	43.0
1974	116,867	5,226	94,545	47,060	5,843	37,853	40.3	40.0	41.2
1975 ¹	136,205	6,001	110,996	53,902	6,596	43,770	39.6	39.4	40.2
1976 ¹	155,385	6,758	125,562	60,969	7,378	49,144	39.2	39.1	39.7
1977 ¹	171,195	7,361	138,515	67,220	8,046	54,609	39.3	39.4	38.6
1978	189,014	8,049	153,954	73,770	8,735	60,362	39.0	39.2	38.2

¹ Personal direct taxes and other current transfers to government obtained by subtracting personal disposable income from personal income.

Source: SC, *National Income and Expenditure Accounts*, (13-201)

Table 12.4
Personal Income,¹ by Province, Canada², 1951-1978

	Canada	Ontario	New- found- land	Prince Edward Island	Nova Scotia	Brun- swick	Québec	Mani- toba	Saskat- chewan	Albarta	British Colum- bia	Yukon & North- west Terri- tories	Foreign Countries ³
	\$ Million												
1951	16,791	6,521	209	64	533	415	4,085	938	1,069	1,250	1,665	26	16
1952	18,592	7,207	229	78	604	438	4,558	1,006	1,213	1,344	1,863	31	21
1953	19,550	7,681	256	65	637	447	4,862	1,012	1,138	1,417	1,976	34	25
1954	19,717	7,930	272	69	664	468	5,029	1,002	824	1,346	2,050	39	24
1955	21,265	8,525	292	67	683	489	5,296	1,073	1,058	1,475	2,242	43	22
1956	23,531	9,320	325	85	732	534	5,840	1,206	1,205	1,719	2,482	59	24
1957	25,170	10,211	350	77	785	556	6,363	1,223	1,037	1,749	2,728	59	32
1958	26,651	10,802	361	83	820	585	6,655	1,352	1,156	1,958	2,786	59	34
1959	28,108	11,406	383	96	874	626	7,005	1,419	1,200	2,039	2,948	61	51
1960	29,595	11,923	412	97	920	664	7,422	1,492	1,352	2,134	3,058	63	58
1961	30,104	12,187	440	102	946	671	7,828	1,436	1,084	2,199	3,091	59	61
1962	32,788	13,098	462	114	995	707	8,446	1,611	1,529	2,411	3,279	62	74
1963	34,829	13,976	493	116	1,043	751	8,933	1,647	1,686	2,535	3,509	67	73
1964	37,282	15,030	531	128	1,108	809	9,742	1,775	1,539	2,852	3,822	70	76
1965	41,071	16,537	604	137	1,181	880	10,685	1,892	1,789	2,941	4,271	69	85
1966	46,094	18,555	680	151	1,302	979	11,880	2,039	2,047	3,374	4,817	80	90
1967	50,579	20,553	755	168	1,446	1,067	13,175	2,280	1,932	3,665	5,348	90	100
1968	55,677	22,844	837	189	1,580	1,183	14,193	2,523	2,187	4,111	5,837	104	89
1969	61,804	25,629	923	205	1,766	1,295	15,565	2,704	2,269	4,589	6,645	122	92
1970	66,633	27,974	1,025	229	1,895	1,412	16,682	2,857	2,133	4,953	7,245	148	80
1971	74,092	30,966	1,143	243	2,100	1,576	18,369	3,192	2,555	5,534	8,182	158	74
1972	83,767	34,822	1,301	287	2,436	1,810	20,823	3,564	2,767	6,267	9,417	193	80
1973	97,832	39,884	1,526	355	2,850	2,105	24,067	4,244	3,673	7,471	11,331	235	91
1974	116,867	47,060	1,903	400	3,375	2,539	28,980	4,985	4,519	9,019	13,687	293	107
1975 ⁴	136,205	53,902	2,259	493	3,894	3,080	33,801	5,865	5,660	10,991	15,787	346	127
1976 ⁴	155,385	60,969	2,573	550	4,409	3,453	39,217	6,478	6,205	12,778	18,222	396	135
1977 ⁴	171,195	67,220	2,835	596	4,902	3,774	43,050	7,022	6,394	14,558	20,247	452	145
1978	189,014	73,770	3,023	680	5,422	4,159	47,929	7,702	7,046	16,410	22,224	491	158

¹ In current dollars.

² Geographical distributions of only the main components of personal income are given, therefore, the provincial totals will not add to the Canadian total.

³ Income of Canadians temporarily abroad, including pay and allowances of Canadian Armed Forces abroad.

Source: Cansim, *Personal Income, Geographical Distribution, (13-201)*

Table 12.5
Personal Income¹ per Person, by Province, Canada, 1951-1978

	Canada	Ontario	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Territories
							\$					
1951	1,199	1,418	579	653	829	804	1,007	1,209	1,285	1,331	1,429	1,040
1952	1,286	1,505	612	780	925	833	1,092	1,261	1,439	1,387	1,546	1,240
1953	1,317	1,555	668	844	961	839	1,139	1,251	1,322	1,400	1,583	1,360
1954	1,290	1,550	689	863	987	867	1,146	1,217	944	1,273	1,583	1,444
1955	1,355	1,619	719	670	1,000	894	1,172	1,279	1,205	1,352	1,671	1,483
1956	1,463	1,724	783	859	1,053	962	1,262	1,419	1,368	1,531	1,774	1,903
1957	1,515	1,812	825	778	1,120	989	1,334	1,419	1,178	1,503	1,841	1,903
1958	1,560	1,856	836	830	1,157	1,025	1,357	1,545	1,297	1,624	1,811	1,788
1959	1,608	1,911	868	951	1,216	1,076	1,394	1,593	1,323	1,634	1,881	1,794
1960	1,656	1,951	920	942	1,265	1,127	1,443	1,647	1,478	1,653	1,909	1,750
1961	1,651	1,954	961	971	1,284	1,122	1,488	1,557	1,172	1,651	1,897	1,595
1962	1,764	2,062	987	1,065	1,334	1,169	1,573	1,721	1,644	1,761	1,975	1,550
1963	1,840	2,156	1,036	1,074	1,389	1,233	1,630	1,736	1,807	1,807	2,065	1,634
1964	1,933	2,267	1,099	1,174	1,468	1,324	1,745	1,851	1,634	1,856	2,190	1,667
1965	2,091	2,436	1,238	1,257	1,562	1,431	1,880	1,961	1,883	2,028	2,377	1,683
1966	2,303	2,680	1,379	1,385	1,722	1,587	2,055	2,117	2,143	2,306	2,570	1,860
1967	2,482	2,884	1,513	1,541	1,903	1,721	2,247	2,368	2,019	2,460	2,750	2,045
1968	2,690	3,146	1,654	1,718	2,060	1,893	2,394	2,598	2,278	2,698	2,914	2,311
1969	2,943	3,470	1,796	1,847	2,279	2,062	2,601	2,762	2,368	2,944	3,226	2,596
1970	3,129	3,705	1,983	2,082	2,423	2,252	2,774	2,906	2,267	3,105	3,405	2,960
1971	3,435	4,020	2,190	2,189	2,662	2,482	3,047	3,231	2,759	3,399	3,745	2,981
1972	3,842	4,459	2,455	2,540	3,064	2,828	3,440	3,596	3,027	3,782	4,202	3,386
1973	4,438	5,043	2,842	3,114	3,545	3,253	3,959	4,261	4,059	4,421	4,922	3,917
1974	5,226	5,843	3,518	3,478	4,156	3,882	4,733	4,950	5,021	5,238	5,761	4,863
1975 ¹	6,001	6,596	4,115	4,214	4,749	4,632	5,470	5,784	6,240	6,182	6,489	5,492
1976 ¹	6,758	7,378	4,611	4,661	5,318	5,100	6,291	6,339	6,737	6,952	7,386	6,092
1977 ¹	7,361	8,046	5,027	4,967	5,871	5,493	6,857	6,824	6,824	7,678	8,118	7,063
1978	8,049	8,735	5,313	5,574	6,447	5,984	7,628	7,456	7,432	8,407	8,784	7,554

¹ In current dollars.

Source: Cansim, *Personal Income Per Person, Geographical Distribution, (13-201)*.

Table 12.6
Personal Disposable Income¹, by Province, Canada, 1951-1978

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Terr.	Foreign Countries ²
	\$ Million												
1951	15,435	5,916	196	61	498	390	3,778	876	1,020	1,165	1,498	24	13
1952	16,922	6,467	210	74	559	407	4,185	932	1,142	1,233	1,666	29	18
1953	17,718	6,860	233	62	584	413	4,463	931	1,061	1,297	1,763	30	21
1954	17,868	7,090	250	66	610	431	4,628	919	754	1,227	1,838	35	20
1955	19,331	7,644	269	64	634	456	4,825	987	986	1,358	2,051	39	18
1956	21,307	8,273	298	81	674	495	5,325	1,107	1,141	1,584	2,254	55	20
1957	22,714	9,066	322	73	724	515	5,777	1,118	965	1,594	2,478	55	27
1958	24,313	9,745	338	79	753	531	6,139	1,246	1,071	1,793	2,536	53	29
1959	25,440	10,167	356	92	804	567	6,432	1,289	1,106	1,861	2,667	56	43
1960	26,567	10,529	380	90	832	600	6,751	1,349	1,251	1,940	2,740	56	49
1961	26,904	10,720	405	96	862	612	7,083	1,286	975	1,994	2,767	52	52
1962	29,340	11,533	424	106	908	646	7,633	1,451	1,403	2,188	2,930	55	63
1963	31,168	12,320	453	107	948	683	8,072	1,482	1,550	2,299	3,132	60	62
1964	33,049	13,106	487	120	1,000	735	8,727	1,588	1,385	2,366	3,390	62	63
1965	36,263	14,301	555	125	1,057	791	9,603	1,691	1,609	2,642	3,759	60	70
1966	39,901	15,850	615	136	1,142	864	10,419	1,785	1,819	2,984	4,149	68	70
1967	43,123	17,233	677	150	1,247	934	11,382	1,971	1,666	3,171	4,540	71	81
1968	46,820	18,855	740	167	1,354	1,030	12,077	2,166	1,897	3,515	4,867	85	67
1969	50,911	20,696	806	179	1,489	1,107	13,028	2,245	1,949	3,833	5,414	94	71
1970	54,009	22,189	888	201	1,572	1,187	13,760	2,342	1,789	4,042	5,861	118	60
1971	59,943	24,567	988	211	1,750	1,322	15,002	2,624	2,201	4,505	6,593	122	58
1972	68,100	27,893	1,117	249	2,017	1,522	16,990	2,949	2,378	5,121	7,852	150	62
1973	79,719	32,104	1,311	310	2,359	1,779	19,513	3,590	3,175	6,129	9,198	183	68
1974	94,545	37,853	1,609	341	2,760	2,101	23,305	4,162	3,822	7,289	11,000	227	76
1975 ¹	110,996	43,770	1,912	423	3,197	2,577	27,285	4,955	4,802	8,961	12,757	269	88
1976 ¹	125,562	49,144	2,149	467	3,605	2,858	31,404	5,405	5,200	10,274	14,649	311	96
1977 ¹	138,515	54,609	2,378	506	4,043	3,133	33,931	5,920	5,345	11,772	16,421	351	106
1978	153,954	60,362	2,530	583	4,511	3,492	37,852	6,594	5,977	13,452	18,108	378	115

¹ Personal disposable income consists of total personal income less personal direct taxes and other current transfers to government from persons. The figures are in current dollars.

² Taxes and other transfers paid by Canadians temporarily abroad, with the exception of employer and employee contributions to public service pensions from the year 1951 on, cannot be estimated separately and are included in the provincial estimates.

Source: Cansim, *Personal Disposable Income, Geographical Distribution*, (13-201).

Table 12.7

Percentage Distribution of Low Income Families and Unattached Individuals and of Other Families and Unattached Individuals, by Region, 1972-1978

	Based on Updated Low Income Cut-Offs ¹				Based on Revised Low Income Cut-Offs ¹			
	Families		Unattached Individuals		Families		Unattached Individuals	
	Low Income	Other	Low Income	Other	Low Income	Other	Low Income	Other
Per cent								
1972								
Ontario	27.8	39.4	32.3	37.7	...	...	...	...
Atlantic Provinces	12.7	7.7	10.3	5.3	...	...	...	...
Québec	30.7	26.8	28.1	27.2	...	...	...	...
Prairie Provinces	20.7	15.5	18.0	16.0	...	...	...	...
British Columbia	8.1	10.6	11.4	13.9	...	...	...	...
1973								
Ontario	29.4	38.4	35.1	37.4	29.8	38.5	34.4	38.2
Atlantic Provinces	13.8	8.2	8.3	5.7	12.5	8.3	7.3	6.1
Québec	29.0	26.7	27.8	26.6	30.8	26.3	27.3	26.7
Prairie Provinces	20.4	15.3	19.9	15.2	19.6	15.3	18.9	15.3
British Columbia	7.4	11.5	8.9	15.0	7.3	11.6	12.0	13.7
1974								
Ontario	27.1	38.9	34.8	38.3	28.4	38.9	33.7	39.5
Atlantic Provinces	14.3	8.1	8.7	5.8	12.4	8.2	7.8	5.9
Québec	31.2	26.2	30.1	22.9	32.8	25.9	29.4	22.4
Prairies	19.8	15.7	17.5	17.4	18.8	15.7	17.9	17.1
British Columbia	7.6	11.2	8.9	15.5	7.6	11.2	11.1	15.1
1975								
Ontario	...	...	...	...	30.3	38.0	31.8	39.2
Atlantic Provinces	...	...	...	...	11.3	8.5	8.0	6.0
Québec	...	...	...	...	30.2	26.4	30.3	22.7
Prairie Provinces	...	...	...	...	18.7	15.7	16.5	17.3
British Provinces	...	...	...	...	9.4	11.5	13.3	14.8
1976								
Ontario	...	...	...	...	30.8	36.2	35.0	37.8
Atlantic Provinces	...	...	...	...	11.2	8.6	7.8	6.4
Québec	...	...	...	...	29.7	27.2	27.3	21.0
Prairie Provinces	...	...	...	...	17.2	16.8	18.7	18.6
British Columbia	...	...	...	...	11.1	11.3	11.2	16.3
1977 ¹								
Ontario	...	...	...	...	32.1	37.5	33.5	37.3
Atlantic Provinces	...	...	...	...	10.7	8.6	8.9	6.2
Quebec	...	...	...	...	30.5	26.6	26.3	22.2
Prairie Provinces	...	...	...	...	16.7	16.5	18.0	19.2
British Columbia	...	...	...	...	10.0	10.9	13.3	15.0
1978 ²								
Ontario	...	...	...	...	31.3	37.4	35.2	36.6
Atlantic Provinces	...	...	...	...	12.4	8.4	8.4	6.5
Québec	...	...	...	...	31.9	26.3	25.2	22.4
Prairie Provinces	...	...	...	...	17.0	16.6	17.9	19.6
British Columbia	...	...	...	...	7.3	11.4	13.4	14.9

¹ Refer to the introductory note of this chapter for an explanation of the difference between updated and revised cut-offs.

Source: SC, *Income Distributions by Size in Canada*, (13-207).

Income Distributions by Size in Canada, Preliminary Estimates, 1978, (13-206).

Table 12.8
Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1973-1978

	1973			1974			1975			1976			1977 ^r			1978 ^r		
	Unattached Individuals	Families	Unattached Individuals	Unattached Individuals	Families	Unattached Individuals	Unattached Individuals	Families	Unattached Individuals	Unattached Individuals	Families	Unattached Individuals	Unattached Individuals	Families	Unattached Individuals	Unattached Individuals	Families	Unattached Individuals
Per Cent																		
Canada																		
Under \$3,000	42.2	5.0	36.3	31.6	2.8	24.6	22.1	1.9	20.3	16.6	2.3	16.6	22.1	1.9	20.3	16.6	2.3	16.6
\$ 3,000-\$ 4,999	17.2	8.8	14.8	17.5	5.6	20.3	21.1	4.8	20.3	24.9	3.9	24.9	21.1	4.8	20.3	24.9	3.9	24.9
5,000- 6,999	14.3	9.2	14.2	12.4	7.6	12.0	9.6	7.0	12.0	10.4	5.8	10.4	9.6	7.0	12.0	10.4	5.8	10.4
7,000- 8,999	10.8	11.2	11.1	11.4	6.9	9.6	10.3	6.5	9.6	9.2	5.6	9.2	10.3	6.5	9.6	9.2	5.6	9.2
9,000-10,999	8.3	12.5	13.4	12.2	7.8	13.9	12.5	6.5	13.9	12.7	5.4	12.7	12.5	6.5	13.9	12.7	5.4	12.7
11,000-11,999		6.0			4.7			3.4			2.9			3.4			2.9	
12,000-12,999		6.2			4.8			3.7			3.2			3.7			3.2	
13,000-13,999	3.6	5.3	5.1	7.4	4.8	8.6	9.9	4.1	8.6	8.6	3.7	8.6	9.9	4.1	8.6	8.6	3.7	8.6
14,000-14,999		5.2			4.9			4.0			3.5			4.0			3.5	
15,000-15,999		8.3			9.3			4.8			3.7			4.8			3.7	
16,000-16,999								4.8			4.0			4.8			3.1	
17,000-17,999		9.0			11.8			3.8			3.9			3.8			3.7	
18,000-19,999			5.2	7.3	14.2	10.9 ^r	14.4	7.6	10.9 ^r	17.5	7.3	17.5	14.4	7.6	10.9 ^r	17.5	7.3	17.5
20,000-21,999	3.6	7.3			14.2			8.6			8.8			8.6			10.0	
22,000-24,999					15.0			5.4			11.7			5.4			8.4	
25,000-29,999								7.4			9.8			7.4			11.6	
30,000-34,999																		
35,000 and Over																		
Average Income	5,149	12,716	6,099	6,595	16,613	7,621 ^r	8,254	19,010 ^r	7,621 ^r	8,861	20,101	8,861	8,254	19,010 ^r	7,621 ^r	8,861	21,346	8,861
Median Income	3,927	11,533	4,838	5,127	15,065	5,795 ^r	6,356	16,960 ^r	5,795 ^r	6,629	18,565	6,629	6,356	18,565	5,795 ^r	6,629	19,717	6,629
Sample Size	5,468	20,496	2,884	6,135	20,458	2,833	9,170	27,975	2,833	9,901	27,975	9,170	9,170	27,975	2,833	9,901	27,975	9,170

Table 12.8 (cont'd)
Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1973-1978

	1973			1974			1975			1976			1977			1978 ^p		
	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families
Ontario																		
Per Cent																		
Under \$3,000	39.8	4.3	33.3	2.7	27.4	2.1	22.9	1.8	20.2	1.9	17.7	1.3	17.7	1.9	17.7	1.3	17.7	1.3
\$ 3,000-4,999	15.4	6.8	12.1	5.3	17.8	4.6	18.6	4.6	19.5	3.5	21.5	3.2	21.5	3.5	21.5	3.2	21.5	3.2
5,000- 6,999	14.8	6.5	14.8	5.7	12.1	6.1	11.7	5.5	9.6	4.2	10.0	5.0	9.6	4.2	10.0	5.0	9.6	5.0
7,000- 8,999	11.9	9.1	12.7	6.9	13.0	5.5	9.0	6.1	9.6	4.7	8.4	4.2	9.6	4.7	8.4	4.2	9.6	4.2
9,000-10,999	{	11.6	{	8.7	{	6.3	{	5.8	{	4.5	{	4.5	{	4.5	{	4.5	{	4.5
11,000-11,999		6.0		4.7		4.0		2.9		2.3		2.6		2.3		2.6		2.6
12,000-12,999	{	13.6	{	5.5	{	4.3	{	3.1	{	2.8	{	2.0	{	2.8	{	2.0	{	2.0
13,000-13,999		6.8		4.7		4.9		3.4		3.3		3.4		3.3		3.4		3.4
14,000-14,999	{	5.7	{	5.9	{	4.7	{	3.7	{	3.5	{	3.5	{	3.5	{	3.5	{	3.5
15,000-15,999		6.1		5.9		4.7		3.7		3.5		3.5		3.5		3.5		3.5
16,000-16,999	{	9.4	{	11.9	{	9.4	{	3.3	{	3.8	{	3.2	{	3.8	{	3.2	{	3.2
17,000-17,999		11.0		13.4		13.0		5.7		4.1		2.8		4.0		2.8		2.8
18,000-19,999	{	4.5	{	5.6	{	8.4	{	12.1	{	8.1	{	7.0	{	8.1	{	7.0	{	3.1
20,000-21,999		8.9		12.9		17.0		7.4		7.6		7.7		17.0		20.7		7.7
22,000-24,999	{	7.6	{	11.7	{	18.0	{	9.6	{	9.0	{	11.3	{	9.0	{	11.3	{	11.3
25,000-29,999		30,000-34,999		7.6		11.7		11.8		12.6		13.1		12.6		13.1		13.1
30,000-34,999	{	7.6	{	11.7	{	18.0	{	5.9	{	8.1	{	8.8	{	8.1	{	8.8	{	8.8
35,000 and over		5.596		6.528		16.144		8.0		12.1		13.3		12.1		13.3		13.3
Average Income	5,596	13,912	6,528	16,144	7,029	18,047	8,177	20,113	8,738	21,600	9,375	22,628	8,738	21,600	9,375	22,628	9,375	22,628
Median Income	4,365	12,817	5,661	14,980	5,763	16,588	6,394	18,115	7,115	19,847	7,141	21,105	7,115	19,847	7,141	21,105	7,141	21,105
Sample Size	1,487	5,568	859	2,777	1,476	5,092	879	2,785	1,759	5,449	777	2,014	1,759	5,449	777	2,014	777	2,014

Source: SC, Income Distributions by Size in Canada, (13-207)
Income Distributions by Size in Canada, Preliminary Estimates, 1978. (13-206)

Table 12.9

Incidence of Low Income Among Families and Unattached Individuals, by Region, 1972-1978

	Updated Low Income Cut-offs ¹		Revised Low Income Cut-offs ¹	
	Families	Unattached Individuals	Families	Unattached Individuals
	Per cent			
1972				
Ontario	10.1	31.3	...	...
Atlantic Provinces	20.8	50.9	...	...
Québec	15.4	35.5	...	...
Prairie Provinces	17.5	37.4	...	...
British Columbia	10.9	30.4	...	...
1973				
Ontario	9.0	31.0	10.7	37.7
Atlantic Provinces	17.9	41.1	19.0	44.9
Québec	12.3	33.5	15.4	40.8
Prairie Provinces	14.6	38.5	16.5	45.5
British Columbia	7.7	22.2	8.9	37.1
1974				
Ontario	7.0 ^r	26.9	8.5	33.9
Atlantic Provinces	16.1	37.9	16.2	44.1
Québec	11.4	34.8	13.9	44.1
Prairie Provinces	12.0	28.9	13.2	38.6
British Columbia	6.9	18.9	7.9	30.7
1975				
Ontario	...	...	9.6	33.3
Atlantic Provinces	...	...	15.1	45.2
Québec	...	...	13.3	45.1
Prairie Provinces	...	...	13.7	37.0
British Columbia	...	...	9.9	35.6
1976				
Ontario	...	...	9.7	32.5
Atlantic Provinces	...	...	14.1	38.7
Québec	...	...	12.1	40.4
Prairie Provinces	...	...	11.4	34.5
British Columbia	...	...	11.0	26.4
1977 ^r				
Ontario	...	...	9.8	34.1
Atlantic Provinces	...	...	13.6	45.2
Québec	...	...	12.7	40.6
Prairie Provinces	...	...	11.4	35.1
British Columbia	...	...	10.4	33.9
1978 ^p				
Ontario	...	...	9.6	35.8
Atlantic Provinces	...	...	15.7	42.9
Québec	...	...	13.3	39.4
Prairie Provinces	...	...	11.5	34.5
British Columbia	...	...	7.5	34.2

¹⁾ Refer to the Introductory note of this chapter for an explanation of the difference between updated and revised cut-offs.Source: SC, *Income Distributions by Size in Canada*, (13-207.)*Income Distributions by Size in Canada, Preliminary Estimates, 1978, (13-206.)*

Table 12.10**Minimum Hourly Wages, Ontario, 1965-1979**

		General Workers	Construction Workers	Students
			\$	
1965 ¹	(December 27)	1.00	1.25	.80
1969	(January 1)	1.30	1.55	1.00
1970	(October 1)	1.50	1.75	1.15
1971	(April 1)	1.65	1.90	1.30
1973	(February 1)	1.80	2.05	1.45 ²
1974	(January 1)	2.00	2.25	1.65
	(October 1)	2.25	2.50	1.90
1975	(May 1)	2.40	2.65	2.00
1976	(March 15)	2.65	2.90	2.15
1978	(August 1)	2.85	3.15	2.15
1979	(January 1)	3.00	3.25	2.15

1) Zones and sex in regard to minimum wage were eliminated as of December 27, 1965.

2) Since February 1, 1973, the student minimum wage has applied only to students under 18 years of age, there was no age restriction prior to this date.

Source: Ministry of Labour, Research Branch.

Table 12.11**Average Weekly Earnings by Industry, Ontario, 1962-1979**

	Industrial Composite	Forestry	Mining, including Milling	Manufac- turing	Construc- tion	Transp., Communica- tion and other Utilities	Trade	Finance, Insurance, and Real Estate	Service
	Annual Averages (\$)								
1962	83.65	95.36	97.40	88.47	91.25	89.82	68.06	76.79	61.38
1963	86.22	93.10	99.36	91.70	96.38	93.38	70.16	79.13	62.92
1964	89.82	98.65	102.55	95.48	101.74	97.66	72.08	83.34	65.34
1965	94.41	101.30	108.08	100.18	112.18	102.01	74.24	90.98	68.52
1966	99.40	109.86	115.35	104.95	123.34	106.46	78.61	95.97	72.28
1967	105.86	123.90	127.89	111.35	132.14	116.54	82.94	102.01	77.56
1968	113.54	124.97	138.67	120.00	142.42	127.05	87.85	109.36	82.63
1969	121.56	139.89	148.24	129.15	155.31	137.68	94.05	117.33	87.62
1970	131.52	146.83	166.40	140.13	175.00	148.46	100.84	124.49	94.70
1971	143.04	168.54	177.52	152.14	197.66	161.06	110.25	134.26	103.51
1972	154.92	193.37	188.98	165.18	222.43	175.93	118.68	145.54	112.15
1973	165.70	221.66	206.58	176.98	236.87	188.78	126.21	159.64	120.66
1974	181.43	242.37	229.12	193.52	258.68	210.48	138.32	177.21	130.86
1975	204.85	281.02	265.82	220.23	286.29	241.32	155.64	197.64	147.96
1976	228.72	318.30	303.38	249.12	318.91	267.62	170.95	216.77	163.47
1977	249.46	358.40	329.32	273.73	353.32	292.76	184.94	233.80	174.49
1978 ^r	264.04	345.69	348.31	293.11	373.96	314.72	195.90	252.37	181.12
1979	285.57	378.47	383.34	318.28	405.68	342.64	211.42	274.96	193.82

Source: SC, Employment, Earnings and Hours.

Table 12.12

Average Weekly Earnings, Industrial Composite, Manufacturing and Mining, Canada and Ontario, 1950-1979

	Industrial Composite		Manufacturing		Mining (including Milling)	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			\$			
1950	45.08	46.58	46.49	48.40	54.27	..
1951	50.04	51.69	51.68	53.80	60.33	..
1952	54.41	56.36	56.36	59.04	65.79	..
1953	57.53	59.66	59.29	62.31	68.91	..
1954	59.04	61.36	61.15	64.25	70.67	..
1955	61.05	63.55	63.48	66.70	73.53	..
1956	64.44	66.86	66.71	70.11	78.01	..
1957	67.90	70.63	70.27	73.79	83.58	..
1958	70.35	73.21	73.10	76.65	86.14	..
1959	73.40	76.48	76.51	80.38	90.41	..
1960	75.76	78.74	78.88	82.81	93.19	..
1961 ¹	78.24	81.30	81.55	85.77	95.57	96.91
1962	80.54	83.65	84.00	88.47	98.53	97.40
1963	83.27	86.22	86.90	91.70	101.96	99.36
1964	86.51	89.82	90.42	95.48	105.73	102.55
1965	91.01	94.41	94.78	100.18	111.53	108.08
1966	96.34	99.40	100.16	104.95	119.51	115.35
1967	102.83	105.86	106.54	111.35	129.81	127.89
1968	109.90	113.54	114.44	120.00	139.16	138.67
1969	117.64	121.56	122.97	129.15	148.93	148.24
1970	126.82	131.52	132.75	140.13	164.70	166.40
1971	137.64	143.04	143.99	152.14	177.00	177.52
1972	149.22	154.92	156.10	165.18	190.29	188.98
1973	160.46	165.70	167.48	176.98	211.42	206.58
1974	178.09	181.43	185.62	193.52	238.97	229.12
1975	203.34	204.85	213.43	220.23	280.44	265.82
1976	228.03	228.72	241.19	249.12	317.13	303.38
1977	249.95	249.46	266.04	273.73	348.12	329.32
1978 ¹	265.37	264.04	285.67	293.11	376.40	348.31
1979	288.25	285.57	311.19	318.28	419.39	383.34

¹⁾ Statistics from 1961 onward are based on the 1960 Standard Industrial Classification and are not comparable with earlier data.

Source: SC, *Employment, Earnings and Hours*.

Table 12.13
Average Weekly Earnings, Industrial Composite and Manufacturing, by Selected Urban Area, Ontario, 1968-1979

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978'	1979
	\$											
Toronto												
Industrial Composite	114.14	123.09	133.67	144.88	156.51	166.81	182.36	206.09	228.10	247.52	262.31	283.69
Manufacturing	119.18	129.34	139.63	151.46	163.69	173.84	190.03	216.66	242.02	263.97	282.15	307.59
Hamilton												
Industrial Composite	116.62	123.06	135.49	147.65	159.90	170.85	186.42	211.42	237.95	257.83	276.05	300.66
Manufacturing	127.89	136.31	149.82	161.87	177.20	190.37	206.49	237.56	270.88	295.22	320.19	348.58
Kingston												
Industrial Composite	108.30	115.28	121.24	132.28	143.00	152.94	169.44	190.52	212.85	229.39	240.09	258.75
Manufacturing	125.76	134.29	143.00	158.45	169.98	181.88	204.22	232.48	264.61	287.58	308.68	329.47
London												
Industrial Composite	105.05	113.27	121.41	132.56	144.42	154.86	171.57	193.92	213.28	229.99	244.97	265.13
Manufacturing	112.54	122.12	132.06	144.28	155.78	167.76	187.57	215.43	236.51	257.34'	281.55	311.14
Ottawa-Hull												
Industrial Composite	102.74	110.36	119.17	130.21	142.46	151.09	165.13	186.07	208.62	225.28	239.64	259.89
Manufacturing	122.74	133.10	144.10	152.12	163.13	172.76	190.04	218.03	244.58	269.04	290.47	319.54
Thunder Bay												
Industrial Composite	105.68	117.02	124.69	141.58	149.81	158.70	178.31	203.29	240.11	259.75	274.06	303.06
Manufacturing	119.41	131.91	141.17	153.56	166.56	183.39	206.23	231.39	282.04	315.55	335.64	365.66
Windsor												
Industrial Composite	128.92	137.28	150.80	163.30	183.33	201.17	210.97	229.37	261.70	287.90	305.19	317.79
Manufacturing	145.17	154.47	172.01	187.15	209.58	232.01	244.20	267.43	306.88	341.36	363.00	376.48

Source: SC, Employment, Earnings and Hours.

Table 12.14

Percentage of Office Employees Who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1967-1977¹

	Survey Coverage			Vacation with Pay					
	Total Number of Reporting Units	Total Number of Employees	Provide Vacations with Pay	Number of Weeks					
				1	2	3	4	5	6
				Per cent					
1967									
Canada	22,556	1,107,209	100	56	86	92	76	11	-
Ontario	9,111	486,833	100	59	86	92	76	12	-
1968									
Canada	22,953	1,201,492	100	60	85	93	80	15	1
Ontario	9,194	540,815	100	63	85	94	80	16	1
1969									
Canada	22,986	1,234,264	100	56	83	94	82	19	1
Ontario	9,266	560,539	100	63	84	94	82	22	2
1970									
Canada	23,806	1,120,404	100	64	95	94	84	18	2
Ontario	9,606	522,032	100	66	96	95	85	20	2
1971									
Canada	22,715	1,132,915	100	62	92	95	86	27	3
Ontario	9,186	519,892	100	67	97	96	87	30	3
1972									
Canada	21,073	1,136,643	100	52	81	96	87	44	3
Ontario	8,520	527,603	100	54	83	96	88	49	4
1973									
Canada	21,261	1,147,573	100	48	77	95	88	51	4
Ontario	8,682	538,132	100	51	74	96	88	59	5
1974									
Canada	18,902	1,143,080	100	48	75	97	90	55	8
Ontario	7,830	530,471	100	47	73	97	90	63	10
1975									
Canada	17,281	1,165,679	100	41	74	97	92	59	13
Ontario	7,102	507,429	100	45	77	98	92	63	12
1976									
Canada	17,497	1,252,230	100	35	71	98	93	67	14
Ontario	7,185	565,728	100	38	71	98	93	68	15
1977									
Canada	15,246	1,261,728	100	..	70	98	95	76	16
Ontario	6,314	570,010	100	..	70	99	95	77	16

¹) All percentages in this table are proportions of the number of employees in reporting units which practise these actual vacation benefits given under "Survey Coverage".

Source: Labour Canada, *Working Conditions in Canadian Industry*.

Table 12.15

Percentage of Non-Office Employees Who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1967-1977¹

	Survey Coverage			Vacation with Pay					
	Total Number of Reporting Units	Total Number of Employees	Provide Vacations with Pay	Number of Weeks					
				1	2	3	4	5	6
Per cent									
1967									
Canada	21,410	2,257,042	99	60	91	81	60	10	-
Ontario	8,693	966,510	100	66	95	83	61	13	-
1968									
Canada	21,606	2,246,546	99	62	92	84	64	14	1
Ontario	8,719	957,208	100	71	96	86	66	18	1
1969									
Canada	21,381	2,246,113	99	56	93	83	66	18	2
Ontario	8,644	964,373	99	69	95	84	67	23	3
1970									
Canada	22,177	1,913,508	98	56	93	83	69	21	2
Ontario	9,006	835,535	99	66	95	85	71	25	3
1971									
Canada	21,297	1,929,928	99	51	94	85	71	31	3
Ontario	8,647	832,808	99	63	97	87	73	34	5
1972									
Canada	19,648	1,871,012	99	47	92	86	72	41	4
Ontario	7,975	811,257	100	60	97	88	75	47	6
1973									
Canada	19,664	1,920,668	99	48	91	88	74	46	5
Ontario	8,059	828,105	100	61	93	89	76	51	7
1974									
Canada	17,525	1,779,656	100	42	91	89	77	51	12
Ontario	7,209	782,781	100	48	95	90	79	56	13
1975									
Canada	15,937	1,692,355	100	36	85	91	82	56	18
Ontario	6,545	715,284	100	41	92	92	82	60	19
1976									
Canada	15,956	1,707,031	100	34	90	92	84	60	21
Ontario	6,589	741,517	100	37	94	93	84	62	23
1977									
Canada	13,882	1,588,684	100	..	89	93	86	64	23
Ontario	5,775	696,760	100	..	94	94	86	66	24

¹ All percentages in this table are proportions of the number of employees in reporting units which practise these actual vacation benefits given under "Survey Coverage".

Source: Labour Canada, *Working Conditions in Canadian Industry*.

Table 12.16
Total Income and Taxable Income, by Region, Canada, 1970-1978

Taxable and Non-Taxable Returns	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia	Northwest Terr. Yukon and Non-Residents
1970							
Number of Returns	9,183,407	3,658,293	718,309	2,310,896	1,479,277	983,921	32,711
Total Income (\$ Million)	50,825.4	21,780.6	3,168.8	12,653.8	7,302.9	5,742.7	176.7
Taxable Income (\$ Million)	33,621.2	15,025.1	1,829.6	8,091.2	4,660.4	3,894.4	120.5
1971							
Number of Returns	9,533,292	3,773,776	749,650	2,419,839	1,521,305	1,038,294	30,428
Total Income (\$ Million)	56,015.5	23,866.0	3,528.7	13,849.7	8,088.5	6,497.2	185.4
Taxable Income (\$ Million)	38,049.5	16,836.8	2,127.7	9,129.5	5,295.8	4,524.9	134.8
1972							
Number of Returns	10,382,005	4,182,099	828,536	2,581,164	1,632,169	1,117,048	40,989
Total Income (\$ Million)	66,248.6	27,979.6	4,408.5	16,226.1	9,644.3	7,691.9	298.1
Taxable Income (\$ Million)	39,208.0	17,313.4	2,251.5	9,309.3	5,436.7	4,710.9	186.3
1973							
Number of Returns	11,557,849	4,645,417	927,687	2,852,374	1,822,377	1,261,286	48,708
Total Income (\$ Million)	94,352.2	38,502.1	6,427.7	22,957.9	14,698.8	11,341.4	424.3
Taxable Income (\$ Million)	58,104.6	24,267.4	3,583.8	13,861.9	8,852.5	7,261.7	277.3
1974							
Number of Returns	11,602,170	4,662,421	929,869	2,864,702	1,829,024	1,265,832	50,322
Total Income (\$ Million)	94,785.1	38,664.7	6,447.3	23,088.5	14,765.8	11,388.0	430.9
Taxable Income (\$ Million)	58,378.6	24,370.9	3,595.4	13,944.3	8,894.9	7,291.8	281.3
1975							
Number of Returns	12,002,400	4,784,138	961,979	2,952,742	1,922,723	1,328,298	52,520
Total Income (\$ Million)	110,703.7	44,234.6	7,658.9	27,005.0	18,008.6	13,288.3	508.3
Taxable Income (\$ Million)	68,519.9	27,774.6	4,362.1	16,449.2	11,084.7	8,522.4	327.1
1976							
Number of Returns	12,342,712	4,909,113	977,068	3,026,349	2,016,945	1,359,592	53,645
Total Income (\$ Million)	127,295.1	50,370.1	8,708.4	31,462.7	20,856.4	15,324.1	573.3
Taxable Income (\$ Million)	78,627.2	31,439.0	4,958.9	19,267.2	12,774.6	9,818.0	369.5
1977							
Number of Returns	12,585,891	4,995,253	1,004,327	3,071,543	2,066,068	1,393,985	54,715
Total Income (\$ Million)	139,879.5	55,346.5	9,584.2	34,392.5	23,012.6	16,882.6	661.0
Taxable Income (\$ Million)	85,971.3	34,348.7	5,414.4	20,986.4	14,045.4	10,751.6	424.9
1978							
Number of Returns	14,320,313	5,510,405	1,204,493	3,591,855	2,381,482	1,571,858	60,220
Total Income (\$ Million)	157,031.1	61,691.0	10,746.3	38,272.4	26,435.7	19,157.0	710.5
Taxable Income (\$ Million)	97,070.4	38,443.3	6,120.3	23,420.3	16,311.7	12,314.0	460.8

Table 12.17
Taxable Returns, by County¹, Ontario, 1973-1978

	1973			1974		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
	\$'000's			\$'000's		
Ontario	3,449,964	30,950,474	5,521,681	3,614,068	36,872,683	6,443,129
Algoma	44,808	402,619	67,842	47,223	478,841	80,585
Brant	41,853	346,748	57,011	40,590	397,429	67,011
Bruce	21,169	168,545	26,410	22,014	209,940	32,710
Cochrane	33,160	282,255	45,782	36,583	356,002	58,331
Dufferin	9,722	81,879	13,441	10,431	97,981	15,978
Dundas	6,982	48,258	6,851	6,557	57,069	8,397
Durham	20,207	171,867	28,311	20,232	190,577	30,839
Elgin	26,885	209,713	32,912	27,087	246,907	38,891
Essex	127,182	1,196,314	212,992	128,246	1,358,634	231,429
Frontenac	45,995	404,376	69,268	48,064	465,684	76,742
Glengarry	4,538	35,655	5,306	5,464	45,649	6,460
Grenville	9,923	73,258	11,024	9,547	90,621	13,942
Grey	24,677	178,654	26,093	26,401	229,268	34,000
Haldimand	11,555	92,343	14,475	13,982	129,807	19,405
Haliburton	3,873	24,841	3,240	3,354	32,863	5,021
Halton	50,833	521,419	100,953	56,046	644,051	122,514
Hastings	41,872	324,476	50,830	41,988	387,441	59,488
Huron	18,402	137,769	20,221	18,462	169,785	25,507
Kenora	20,055	162,540	25,963	16,876	168,105	28,056
Kent	42,180	362,955	61,650	44,256	453,315	76,223
Lambton	44,104	415,427	72,831	49,663	537,706	95,062
Lanark	18,080	127,600	18,789	18,362	159,810	23,208
Leeds	19,288	149,058	22,420	21,571	196,091	30,893
Lennox and Addington	8,055	59,971	9,007	8,459	80,794	12,011
Manitowlin	2,446	18,515	2,765	2,147	15,624	1,998
Middlesex	130,766	1,162,853	202,388	137,336	1,374,668	234,612
Muskoka	12,984	99,199	14,852	14,626	128,258	19,082
Niagara	142,698	1,239,099	207,282	151,371	1,506,602	247,929
Nipissing	28,444	231,008	36,643	29,320	282,156	45,071
Norfolk	20,732	153,707	23,841	22,096	206,373	33,975
Northumberland	15,749	119,790	18,504	17,859	165,876	26,286
Ontario	81,962	776,874	142,936	90,556	949,876	168,755
Ottawa - Carleton	222,658	2,224,336	420,106	241,774	2,682,491	491,417
Oxford	35,324	291,236	47,880	35,947	333,163	52,320
Parry Sound	11,913	89,323	13,284	10,937	90,085	12,276
Peel	143,196	1,436,120	276,126	161,864	1,782,628	338,009
Perth	26,990	215,726	33,987	27,366	253,362	39,347
Peterborough	34,660	291,102	48,089	36,838	358,456	57,647
Prescott	9,258	67,898	10,163	8,135	72,714	11,312
Prince Edward	5,876	43,107	7,993	7,993	72,678	11,258
Rainy River	9,201	73,915	11,484	8,887	92,305	15,431
Renfrew	32,602	253,954	38,431	33,936	305,744	45,650
Russell	7,474	56,925	8,542	10,354	91,724	13,591
Simcoe	79,114	627,891	99,749	76,860	688,609	106,686
Stormont	21,916	178,193	27,954	24,185	211,104	31,970
Sudbury	69,017	625,937	107,229	76,290	771,123	127,599
Thunder Bay	60,408	528,216	89,256	63,242	643,787	110,095
Timiskaming	14,638	117,157	16,737	17,001	150,051	22,362
Toronto	...	...	...	...	...	...
Victoria	12,798	96,074	14,354	12,976	116,998	17,494
Waterloo	123,715	1,040,661	176,997	129,625	1,232,011	204,143
Wellington	47,631	392,195	64,241	49,232	477,870	77,656
Wentworth ²	220,727	1,995,387	358,487	219,455	2,321,297	413,048
York	1,129,669	10,525,536	1,999,065	1,174,402	12,310,682	2,273,409

Table 12.17 (cont'd)
Taxable Returns, by County¹, Ontario, 1973–1978

	1975			1976		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
	\$'000's			\$'000's		
Ontario	3,183,004	40,168,164	7,133,135	3,293,649	45,908,503	8,017,375
Algoma	38,230	503,836	88,925	45,411	641,505	109,356
Brant	35,449	425,673	72,437	37,253	504,476	85,671
Bruce	19,349	248,254	42,816	22,176	316,308	53,719
Cochrane	32,225	369,267	60,012	30,412	420,773	73,221
Dufferin	9,360	113,799	19,293	10,344	136,943	22,916
Dundas	5,915	59,463	8,771	6,086	73,852	10,763
Durham	18,048	212,136	34,184	17,974	243,515	41,257
Elgin	23,568	258,432	38,874	24,933	309,121	47,349
Essex	107,617	1,394,149	239,498	117,525	1,680,577	286,638
Frontenac	41,218	520,504	91,567	40,881	562,353	95,174
Glengarry	4,453	45,014	6,415	4,656	54,186	8,323
Grenville	7,663	85,001	13,452	10,714	128,537	19,272
Grey	20,956	242,288	37,781	24,423	300,661	44,625
Haldimand	11,762	144,627	23,566	11,599	158,774	26,293
Haliburton	2,820	28,605	3,874	2,960	34,308	4,646
Halton	88,940	1,301,915	257,393	91,951	1,462,901	282,367
Hastings	39,555	451,975	71,030	38,736	485,579	74,855
Huron	17,362	198,522	30,549	16,089	206,560	31,357
Kenora	17,675	214,930	35,865	18,485	253,975	42,472
Kent	38,640	467,378	77,140	39,662	528,266	85,349
Lambton	43,110	572,433	103,199	42,727	651,737	119,542
Lanark	15,120	158,929	23,855	14,923	184,200	28,501
Leeds	20,680	230,862	37,302	17,776	233,389	37,652
Lennox and Addington	8,496	98,245	16,033	8,131	104,725	16,436
Manitoulin	2,260	25,845	3,869	2,299	27,123	3,871
Middlesex	116,532	1,458,266	254,041	120,792	1,652,969	280,936
Muskoka	13,122	150,505	23,173	12,444	140,436	19,785
Niagara	127,766	1,577,180	266,445	134,066	1,851,798	309,155
Nipissing	24,557	285,868	47,312	24,234	332,180	54,097
Norfolk	19,632	229,586	38,525	19,042	244,309	40,417
Northumberland	16,055	180,798	29,401	14,366	178,994	27,553
Ontario	87,083	1,100,152	192,962	91,442	1,296,900	231,292
Ottawa-Carleton	226,273	3,027,474	549,444	215,167	3,261,362	589,856
Oxford	29,224	353,662	58,070	31,598	390,274	60,788
Parry Sound	10,479	115,201	17,431	7,831	103,131	16,171
Peel	154,987	2,078,170	396,728	162,105	2,395,829	448,799
Perth	24,358	273,836	42,913	24,777	308,424	46,692
Peterborough	30,487	367,680	60,312	34,375	455,003	72,086
Prescott	8,150	89,787	13,794	9,720	102,821	14,171
Prince Edward	7,042	79,510	12,538	6,442	72,956	11,076
Rainy River	8,973	111,914	18,674	6,754	90,511	15,135
Renfrew	26,173	292,741	44,779	29,508	354,356	51,679
Russell	9,013	96,847	14,551	10,073	124,246	19,581
Simcoe	73,438	828,441	131,761	72,990	920,743	145,467
Stormont	20,786	228,980	35,926	21,997	272,885	42,926
Sudbury	64,902	826,750	144,222	70,556	1,023,776	178,558
Thunder Bay	53,409	675,820	117,731	61,906	878,273	155,338
Timiskaming	14,068	156,010	23,279	13,062	167,623	26,115
Toronto	...	...	...	...	...	...
Victoria	12,684	137,318	20,299	15,083	180,314	26,215
Waterloo	118,494	1,384,161	229,717	120,448	1,571,312	261,694
Wellington	45,352	538,677	89,813	42,461	583,261	97,701
Wentworth ²	155,067	1,964,360	346,290	161,667	2,200,685	378,767
York	1,014,427	13,186,390	2,475,305	1,060,617	15,048,785	2,743,699

Table 12.17 (cont'd)
Taxable Returns, by County¹, Ontario, 1973–1978

	1977			1978		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		\$ '000's			\$ '000's	
Ontario	3,341,329	50,405,965	8,617,146	3,325,246	54,289,782	9,102,084
Algoma	46,216	716,323	122,123	45,281	757,774	128,281
Brant	38,704	557,007	89,972	38,118	582,183	91,569
Bruce	20,928	309,087	49,971	21,240	349,073	57,011
Cochrane	32,315	474,952	78,328	31,773	506,626	82,938
Dufferin	11,933	185,993	32,283	9,844	157,107	26,197
Dundas	6,450	92,656	14,308	6,119	88,467	12,964
Durham	20,799	316,399	51,987	104,832	1,744,267	299,813
Elgin	24,572	340,127	52,308	24,758	357,749	52,991
Essex	115,949	1,804,766	310,568	115,850	2,005,486	349,458
Frontenac	40,719	596,521	97,640	41,512	653,831	105,158
Glengarry	4,464	58,233	8,750	5,168	74,360	10,859
Grenville	9,928	139,563	21,703	9,332	136,455	20,343
Grey	21,743	294,383	45,002	22,701	322,614	45,745
Haldimand	12,743	176,346	27,289	31,389	471,796	73,282
Haliburton	2,303	25,746	3,314	2,874	37,905	5,002
Halton	95,330	1,641,136	309,348	98,263	1,846,803	344,447
Hastings	41,488	564,239	83,519	39,287	577,494	85,658
Huron	14,739	196,979	29,358	16,551	246,390	35,277
Kenora	15,799	228,371	37,445	17,924	284,934	46,574
Kent	41,442	593,225	94,075	40,995	651,473	104,375
Lambton	43,838	757,464	141,752	44,296	778,286	135,872
Lennox and Addington	20,197	269,688	38,924	16,633	234,591	34,374
Leeds	20,634	290,253	46,854	19,486	289,785	44,490
Manitoulin	8,248	108,840	16,790	8,562	122,991	18,017
Middlesex	2,036	24,331	3,038	2,209	29,658	4,027
Muskoka	121,543	1,775,360	291,796	124,175	1,977,119	320,968
Niagara	10,393	140,232	20,075	12,104	170,758	24,195
Nipissing	135,546	2,054,339	339,898	132,425	2,175,693	358,730
Norfolk	25,897	373,835	58,195	25,313	380,563	57,948
Northumberland	18,929	252,561	38,671	...	...	...
Ontario	16,031	222,639	32,976	20,823	309,682	46,105
Ottawa - Carleton	91,517	1,407,639	247,755	...	...	...
Oxford	229,969	3,753,270	669,551	235,513	4,187,195	733,074
Parry Sound	32,157	438,474	67,568	31,946	473,782	71,894
Peel	10,522	132,646	17,545	9,596	132,507	18,353
Perth	183,826	2,894,633	518,374	185,386	3,136,699	559,444
Peterborough	26,562	341,662	50,825	24,232	349,449	51,631
Prescott	32,302	450,931	71,012	32,819	498,995	75,849
Prince Edward	8,122	105,940	15,597	8,816	126,112	18,845
Rainy River	5,886	76,238	11,995	6,755	96,123	13,601
Renfrew	7,734	123,408	20,249	8,251	131,382	21,186
Russell	27,919	368,385	53,899	30,132	430,834	62,150
Simcoe	9,800	141,967	22,207	7,426	105,749	15,698
Stormont	76,291	1,024,255	156,897	76,642	1,122,231	169,812
Sudbury	21,971	290,346	43,921	21,330	312,528	48,154
Thunder Bay	66,464	1,029,113	175,451	63,457	993,293	156,587
Timiskaming	62,535	965,917	168,370	60,421	1,012,675	175,148
Toronto	13,439	179,157	25,451	12,628	185,494	27,434
Victoria	1,036,004	15,910,406	2,829,375	949,192	15,685,612	2,699,855
Waterloo	13,412	179,736	25,680	16,111	231,358	33,141
Wellington	120,078	1,687,006	273,449	121,843	1,879,287	298,704
Wentworth ²	48,034	680,546	109,064	46,941	728,935	114,946
York	158,157	2,386,756	408,851	157,978	2,546,036	423,013
	1,052,776	16,166,345	2,874,172	87,994	1,601,593	290,897

¹ Toronto included in York county, from 1973 to 1977, Norfolk included with Haldimand in 1978 and Ontario mainly included in Durham in 1978.

Table 12.18
Taxable Returns, by Selected City, Ontario, 1973-1978

	1973				1974				1975			
	Number of Taxable Returns	Total Income	Total Tax Payable	\$'000's	Number of Taxable Returns	Total Income	Total Tax Payable	\$'000's	Number of Taxable Returns	Total Income	Total Tax Payable	\$'000's
Toronto	1,115,434	10,390,737	1,974,214		1,158,990	12,147,426	2,243,781		997,865	12,973,273	2,437,693	
Hamilton ¹	220,727	1,995,387	358,487		219,455	2,321,297	413,048		155,067	1,964,360	346,290	
Ottawa	208,427	2,080,506	393,250		225,569	2,503,489	459,334		207,993	2,787,845	507,695	
London	116,397	1,043,395	183,829		118,305	1,200,876	207,551		102,512	1,294,471	227,429	
Windsor	106,852	1,025,543	184,219		105,908	1,140,194	195,933		90,171	1,177,175	203,269	
Mississauga	84,672	870,741	170,119		98,750	1,115,684	214,914		96,220	1,315,501	254,568	
Kitchener ²	82,660	713,611	123,910		84,910	828,687	140,353		78,996	942,650	159,541	
St. Catharines	58,633	517,971	87,721		60,886	636,868	109,067		52,025	660,432	113,748	
Thunder Bay	47,234	411,853	70,407		50,928	516,349	88,820		42,957	540,827	94,451	
Oshawa	43,557	427,587	80,030		48,510	506,207	90,323		45,677	584,153	103,441	
Sudbury ³	54,928	501,990	87,448		60,900	617,437	102,977		51,419	659,084	116,670	
Sault Ste. Marie	32,727	302,901	52,076		33,482	352,139	61,157		26,852	357,687	63,679	
Niagara Falls	28,466	233,868	38,223		30,864	294,195	46,368		24,810	292,616	48,060	
Brantford	33,089	277,821	46,601		32,696	322,916	55,314		30,193	363,873	62,417	
Oakville	27,890	304,601	61,911		30,920	377,591	75,557		28,413	427,406	86,872	
Guelph	30,550	259,492	43,780		29,840	298,315	50,355		29,148	354,789	61,034	
Kingston	40,385	360,939	63,181		41,809	412,773	69,860		37,142	470,549	83,585	
Peterborough	29,143	247,608	41,572		30,734	302,671	49,303		25,038	308,274	51,760	
Sarnia	32,541	314,572	56,363		34,907	391,108	71,657		29,602	408,782	76,421	
North Bay	20,920	173,738	28,326		20,426	207,309	34,391		16,464	201,990	35,232	
Cornwall	18,001	147,790	23,426		19,467	170,271	26,162		16,371	182,542	38,616	
Welland	20,083	178,082	30,164		19,410	180,705	29,258		18,604	223,529	37,735	
Brampton	23,356	212,911	38,067		25,914	271,917	49,433		24,697	308,628	56,539	
Cambridge ⁴	31,938	251,182	40,704		34,358	303,370	48,079		30,488	335,256	53,320	

Table 12.18 (cont'd)
Taxable Returns by Selected City, Ontario, 1973-1978

	1976			1977			1978		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		\$'000's			\$'000's			\$'000's	
Toronto	1,043,367	14,796,548	2,698,022	1,036,004	15,910,406	2,829,375	949,192	15,685,612	2,699,855
Hamilton ¹	161,667	2,200,685	378,767	152,199	2,286,298	389,780	134,879	2,124,789	348,463
Ottawa	200,162	3,034,960	549,034	213,940	3,494,306	623,738	217,193	3,872,019	679,559
London	106,397	1,467,943	252,010	106,504	1,566,824	259,634	108,689	1,745,750	286,138
Windsor	96,076	1,401,205	241,451				95,759	1,680,891	296,720
Mississauga	97,652	1,483,399	282,989	111,667	1,793,766	327,621	114,964	1,975,529	356,557
Kitchener ²	78,629	1,045,894	177,269	79,726	1,140,553	188,405	80,153	1,262,050	204,441
St. Catharines	55,370	790,369	136,517	57,610	894,273	152,236	55,660	945,132	160,365
Thunder Bay	48,891	694,057	123,698	49,673	777,082	135,445	48,793	815,112	140,462
Oshawa	46,090	660,198	119,614	45,288	701,589	123,760	46,029	767,183	132,296
Sudbury ³	56,210	815,539	143,119	53,161	831,667	142,726	49,740	781,628	123,957
Sault Ste. Marie	32,052	450,054	76,992	32,351	508,086	87,141	31,062	524,426	88,961
Niagara Falls	27,405	364,818	59,805	28,988	410,947	66,161	25,890	406,340	65,936
Brantford	30,099	404,892	69,095	31,419	457,531	75,152	31,108	478,200	75,836
Oakville	27,629	464,671	93,919	28,278	517,912	100,769	29,568	585,241	112,810
Guelph	27,053	64,596	64,596	30,495	433,947	71,550	29,933	473,668	76,557
Kingston	36,555	509,681	87,459	35,837	531,638	87,592	36,308	582,019	94,990
Peterborough	28,845	386,466	62,183	26,798	383,350	60,997	26,793	412,544	63,791
Sarnia	31,672	490,264	92,018	32,174	567,505	108,208	31,534	570,878	102,791
North Bay	16,904	242,348	40,687	17,540	260,946	41,616	17,816	277,864	43,546
Cornwall	16,505	205,908	32,247	17,357	231,963	35,797	17,003	250,491	39,158
Welland	17,272	227,912	36,777	16,217	240,332	39,392	17,278	272,267	43,824
Brampton	28,223	386,724	69,579	31,011	462,444	80,362	34,004	541,474	92,913
Cambridge ⁴	32,809	401,771	64,373	30,836	411,812	64,861	31,987	462,138	70,961

¹ Figures for Hamilton consist of Wentworth County and Burlington which is in Halton County.

² Includes Waterloo.

³ Includes Copper Cliff.

⁴ Cambridge consists of Galt, Hespeler and Preston.

Source: Revenue Canada, *Taxation Statistics*.

Prices

Highlights

(All price indexes are based on 1971 = 100, except the Raw Material Index, 1977 = 100).

- **Consumer Prices** — The all-items consumer price index in 1979 stood at 191.2, an increase of 9.1% from 1978. The increases in the all-items indexes for Ottawa, Thunder Bay and Toronto were respectively 8.8%, 8.8% and 9.3%. The greatest change in any of the indexes given for Canada was for food with a 13.2% increase. For this item the three cities had increases of 12.3%, 11.3% and 12.5% respectively. The other indexes for Canada showed increases as follows — Housing 7.0%, Clothing 9.2%, Transportation 9.7%, Health and Personal Care 9.0%, Recreation, Reading and Education 6.9%, Tobacco and Alcohol 7.2%.
- **Farm Prices** — The 1979 farm output prices index stood at 230.5 for Ontario, an increase of 13.2% from the previous year and at 248.8 for Canada, an increase of 14.3%. Ontario crops were up 8.1% from 1978 and livestock 15.0%. Canadian crops increased by 11.5% from 1978 and livestock by 16.2%.

The 1979 farm input price index stood at 234.4 for Canada, an increase of 16.6% from 1978. This increase compares with 16.2% for Eastern Canada and 16.9% for Western Canada. The largest increase in farm input prices from 1978 to 1979 was for interest payments (35.4% for Canada), followed by a 23.4% increase in the price of items used exclusively in animal production in Canada. Canadian farm property taxes showed a 3.6% increase from 1978 to 1979 (Eastern Canada 1.4% increase, Western Canada 4.9% increase). Farm rent increased 5.8% for Canada; 10.3% in Eastern Canada and 3.9% in Western Canada. Hired farm labour increased 6.0% in Canada (Eastern Canada 6.0%, Western Canada 5.9%).

- **Construction Prices** — The Canadian residential building index rose 10.1% to 211.4 in 1979. This compares with an increase of 10.9% to 205.2 for Ontario. Non-residential building indexes rose 11.1% to 214.6 for Canada and 11.4% to 207.7 for Ontario. The Canadian building materials index increased 12.4% to 206.9 for residential building and 16.3% to 208.6 for non-residential building. In Ontario the residential building materials index stood at 203.0 in 1979, an increase of 13.4% from the previous year. The Canadian building labour index increased 6.4% for residential building and 6.2% for non-residential building. In Ontario the building labour index rose 6.9% for residential building and 6.4% for non-residential building.

New housing prices changed by the following percentages in 1979 — Montreal 5.8%, Toronto -0.6%, Ottawa-Hull 0.5%, Winnipeg 2.0%, Calgary 6.7%, Edmonton 7.7%. The recent rapid growth in prices in Calgary and Edmonton and virtual stagnation in Toronto is illustrated by increases in the index from 1974. For the six cities, these are respectively 28.5%, 4.4%, 14.5%, 36.7%, 84.5% and 75.1%.

- **Industry, Secondary Metals and Energy Prices (Canada)** — The total industry selling price index was 217.9 in 1979, an increase of 14.4% from 1978. The increase ('78-'79) for the food and beverage price index was 12.8% and for the total non-food index it was 14.8%. For the ferrous scrap materials purchase price index there was a 33.8% increase to 250.8 and for the non-ferrous scrap a 38.6% increase to 242.5. The thermal coal index advanced 8.6% to 368.1. From 1978 to 1979 the energy selling prices showed an increase of 9.6% to 243.2 for over 5,000 kw electric power and 9.3% to 194.2 for under 5,000 kw electric power. The latest available information for petroleum refineries is for 1978. The selling price index in this instance advanced 13.0% to 278.7 from 1977.
- **Raw Materials Prices (Canada)** — The all-items raw materials price index advanced 12.3% from 1977 to 1978 and 11.8% for the "without fuels" category. The greatest increase, 20.3% in the raw materials commodity indexes was for animal materials. This was followed by 16.5% for non-ferrous materials and by 13% for fuels. Least change occurred for vegetable materials 1.2% and textile materials 2.2%.
- **Trade Price Indexes** — Canadian import prices rose 17.8% in 1979 and export prices 22.2%. Highest increases were for live animals with 29.7% (Imports) and 54.1% (Exports). For the other commodity groups increases were as follows (Imports first): food, feed, beverage and tobacco, 12.9%, 2.5%; crude materials inedible, 27.8%, 32.0%; fabricated materials inedible, 25.4%, 22.0%; and, end products inedible 11.6%, 10.8%.

The crude materials inedible index stood at the highest level in 1979 for both imports (585.1) and exports (454.6). These figures compare with the all sections indexes of 258.6 for imports and 273.4 for exports.

- **Implicit Price Indexes, Gross National Expenditure** — The 1979 index for personal expenditure on consumer goods and services was 185.3, an increase of 9.0% from 1978. Government current expenditure on goods and services rose 8.6% to 230.8. Gross fixed capital formation indexes for government and business stood at 204.5 and 207.6, representing increases by 7.0% and 8.3% respectively. Implicit price indexes for exports and imports of goods and services were 241.9 and 226.9 respectively in 1979. These represented increases of 19.1% (Exports) and 14.8% (Imports).

The Gross National Expenditure Index increased 9.9% in 1979 to 200.7.

Definitions

The Consumer Price Index for Canada — The Consumer Price Index measures the percentage change through time in the cost of purchasing a constant "basket" of goods and services representing the purchases by a particular population group in a specified time period. The "basket" is an unchanging or equivalent quantity and quality of goods and services, consisting of items for which there are continually measurable market prices over time.

Index Number of Farm Prices of Agricultural Products — Most of the price information used in compiling the index is obtained from reports furnished monthly by volunteer farm correspondents throughout Canada. The prices used in computing the index are, as closely as can be determined, the prices which are actually received by the farmers at the farm level. Subsidies, bonuses and premiums which can be attributed to specific products are all included in the prices, whereas storage, transportation, processing and handling charges which are not actually received by farmers are excluded. In reporting prices to the bureau, each month, price correspondents are asked to report the average prices prevailing in their neighbourhood, taking into account the various grades of each commodity marketed. Thus, average prices reported by these correspondents may differ from month to month as a result of changes in price, changes in quality marketed or a combination of both. In effect, this index is not a measure of pure price change but a measure of the change in returns to farmers per unit of product marketed.

Farm Input Price Indexes (FPI) — Farm Input Price Indexes are designed to measure price movements of inputs used in Canadian farming in 1971. The current indexes are calculated for the period starting 1971.

The base-weighted indexes (Laspeyre's type) give an estimate of how much more or less it would cost to purchase a specified group of inputs at present as opposed to the base year. The weights are based on the 1971 estimates for farm expenditures.

Precautions should be exercised when using the indexes. Since the indexes assume a constant "basket" of goods, they should not be interpreted as a measure of production cost movement because of substitution effects and changes in productivity which might have taken place since 1971.

Building Construction Input Price Indexes — These measure price changes for labour and materials used in building construction. As measures of inputs they do not adjust for productivity changes involved in design or in putting the work in place. Neither are other elements affecting output prices covered, such as site preparation, overhead and profit. Materials prices used are manufacturers' new order selling prices for commodities, adjusted for changes in federal sales taxes. Labour rates are measured by the movement of basic union wage rates.

For residential building, weights are derived from a 1969 study by CMHC of material requirements for new houses, augmented by estimates of labour requirements by trade, to establish the relative importance of each trade and the material-labour ratio for each. Regional data are weighted according to information about housing starts in the reference period. All weights are expressed at 1971 prices. In the case of non-residential building, weights are derived from a cost analysis of a number of structures carried out in 1971 to establish the relative importance by trade of material and labour requirements. These were aggregated into material commodity groups by type of structure, and into total labour requirements. Separate weighting patterns by region could not be established. Separate measures of materials price movement cannot be made; however, regional labour indexes can be identified and aggregated with materials movement at the total level. Regional weights to combine total indexes were derived from data on construction activity in the reference period.

New Housing Price Indexes — These measure changes in selling prices of new houses constructed by large and medium volume builders in metropolitan areas. The houses sampled are representative of the total being sold at that time but elements of quality change are excluded from the price measure. Prices used are the selling prices agreed upon between builder, and buyer at the time of signing the contract. Prices relate to mid-month. The price normally (where relevant) includes the house and the serviced lot on which it stands.

Weights are applied to combine price movements of different models within a company and different companies within a city. They are revised regularly to reflect latest market shares. City indexes are combined to the Canada index according to the value of housing starts in the three-year period 1975–1977. Users of this table are advised that comparisons of these indexes with other sources of housing statistics, which include either the selling prices of specific types of houses or selling prices of both new and old houses, should be made with caution.

Industry Selling Price Indexes — Industry Selling Price Indexes are a measure of pure price change of specified commodities having a fixed time and weight base of 1971 = 100. Prices are f.o.b. factory gate less discounts and before taxes.

The indexes are gross weighted. They measure the movements of prices of gross shipments of manufacturing industries, including inter-industry shipments between individual industries within manufacturing. Therefore, they duplicate the movements of some prices in the sense that, for example, flour prices are given full weight as part of the shipments of the Flour Mills Industry and then are implicitly counted again through full weighting of the shipment prices of those manufacturing industries which use flour as an ingredient in their outputs, e.g., bread, biscuits, cakes, etc.

The Classification system used is that of the 1970 Standard Industrial Classification, thus permitting the joint use of price statistics with other data such as production and employment similarly classified.

Whenever specification changes occur thereby altering the quality of the item being priced, quality change evaluations are made to ascertain only pure price change since the commodity characteristics must remain constant in order to measure pure price change over a given period of time.

Purchase Price Indexes of Industrial Materials — Ferrous and non-ferrous indexes are compiled from a series of input prices, inclusive of transportation and brokerage fees, submitted by a wide variety of purchasers from selected industries.

The thermal cost purchase price index was required as the result of a renewed demand for coal because of an anticipated shortage in energy supplies. The index for coal is a purchase price index determined by surveying electric utilities, the major users of bituminous coal. It includes purchase prices for both domestic and imported United States coal. Prices are the amount the utilities pay to suppliers, excluding federal and provincial taxes and freight rates. The weights in this index are derived from the base year purchase prices provided by the firms.

Energy Selling Price Indexes — These are designed to measure "pure" price change at the producers' level, i.e., at the "factory gate". Since the industry's transmission lines are considered as part of the producer's operation, the "factory gate" for the Electric Power indexes is at the users' end.

The Electric Power Selling Price Index series is published in two customer categories of sales, (1) an index for bills less than 5,000 kW and (2) an index for large industrial sales, bills or contracts 5,000 kW and over. Only firm (non-interruptible) power is being surveyed. Interruptible and off-peak power price movement is not included in this index.

A revised price sample has been linked into the Petroleum Refineries Price Indexes of the Industry Selling Price Indexes, effective February 1977 wherein the number of prices observed and collected has been increased ninefold. The prices for these commodities are the average net realized prices by oil companies for finely specified categories on sale.

The weights assigned to all user categories in the new series correspond to net sales made in 1971 by the respective company in any given region. Each weight represents the importance of the respective user category in the Petroleum Refinery Index (PRI) commodity listing, and determines the degree of influence which each price change has on the total index.

Raw Materials Price Index — The Raw Materials Price Index is a base-weighted series covering the domestic disappearance of some 70 commodities originating in Canada or overseas.

The weighting system is based on values calculated for the 1974 input/output tables, i.e., gross output plus imports, wholesale and transport margins minus exports. The 1974 values were subsequently adjusted for price change between that year and 1977 using appropriate series from the General Wholesale Price Index. Where individual quotations are used these are given equal weighting within a commodity series.

All important crude materials consumed in Canada are covered by this index without duplication. In some instances prices are volatile (non-ferrous metals) but others are controlled by marketing boards (milk), regulation (crude oil) or long-term contracts. At the total level the index should be an early indicator of price pressure of unprocessed goods flowing into Canadian manufacturing and distribution industries.

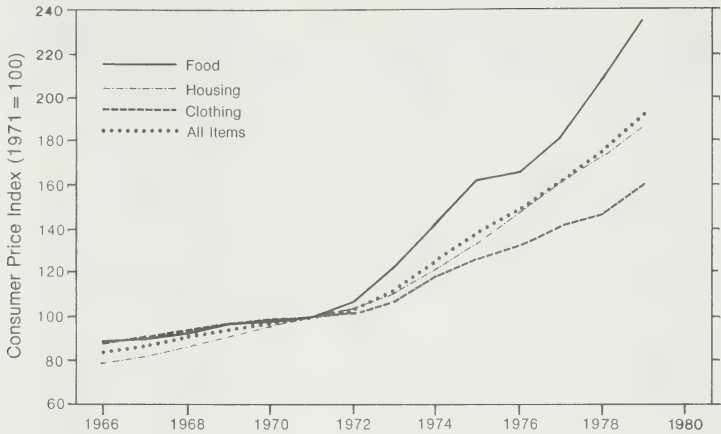
Export Price Indexes and Import Price Indexes — These are base-weighted indexes which measure the year-to-year changes in prices of aggregate Canadian exports and imports. The weights used in calculating these indexes are derived from the values of exports and imports of commodities represented in the indexes in the base year of 1971. Sources of price relatives are: unit values of imports and exports calculated direct in the base year of 1971. Sources of price relatives are: unit values of imports and exports calculated direct from trade statistics; and specification price indexes from Canadian and foreign sources. Those used in Table 13.2 are Laspeyres type of base-weighted as opposed to the Paasche type of current-weighted index which may be found in Statistics Canada, *Summary of External Trade*, Catalogue 65-001.

Implicit Price Index — The implicit price indexes of Gross National Expenditure (GNE) and its components are essentially a by-product of the deflation process (using price indexes which approximately reflect the transaction prices of goods and services). They provide measures for changes taking place in the economy as a whole as well as identifying areas associated with inflationary developments.

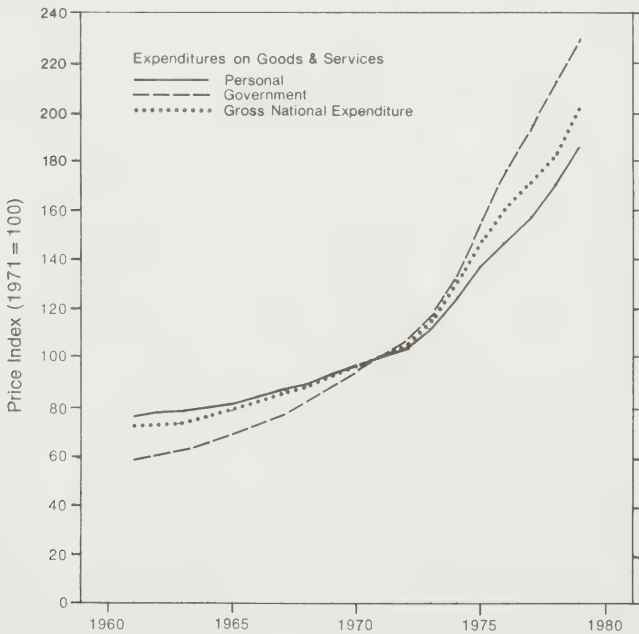
These indexes are derived from the division of the current value of GNE by the constant dollar series — giving currently weighted (Paasche type) price indexes — which reflect changes in price from year to year and changes in the pattern of expenditure of the group to which they refer, from year to year. As a general rule, year to year changes in expenditure pattern are not sufficiently important to impair the use of these ratios for the analysis of price changes. The year to year changes in expenditure patterns usually (but not always) have

Graph 13.A

Consumer Price Indexes by Item, Canada, 1966-1979

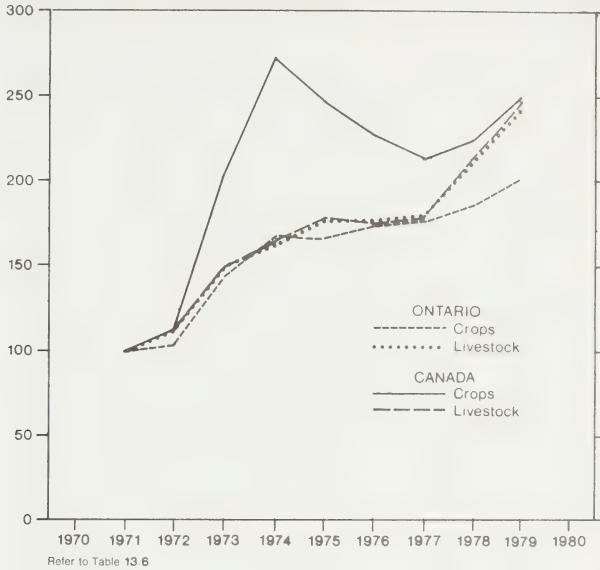


Refer to Table 13.1.

Graph 13.BImplicit Price Indexes, Gross National Expenditure,
Canada, 1961-1979

Refer to Table 13.3

Graph 13.C
Index Numbers of Farm Prices of Agricultural Products, Ontario and Canada, 1971-1979



Graph 13.D
Export and Import Price Indexes, by Selected Commodity Group, Canada, 1968-1979

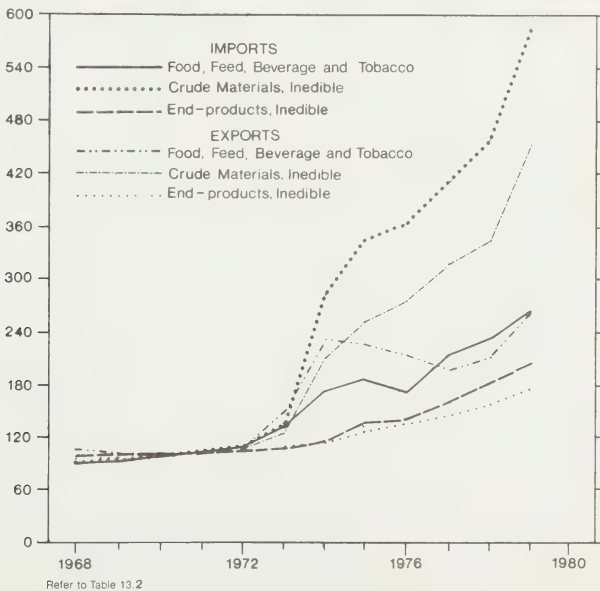


Table 13.1Consumer Price Indexes, Canada and Selected Ontario Cities, 1965-1979¹

	All Items	Food	Housing	Clothing	Transportation	Health & Personal Care	Recreation, Reading & Education	Tobacco, and Alcohol
Annual Averages								
Canada (1971 = 100)								
1965	80.5	83.4	77.3	83.8	80.7	79.4	77.9	81.7
1966	83.5	88.7	79.5	87.0	82.6	81.8	80.1	83.7
1967	86.5	89.9	82.9	91.4	86.1	86.0	84.1	85.8
1968	90.0	92.8	86.7	94.1	88.3	89.5	88.3	93.6
1969	94.1	96.7	91.2	96.7	92.4	93.8	93.5	97.2
1970	97.2	98.9	95.7	98.5	96.1	98.0	96.8	98.4
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.8	107.6	104.7	102.6	102.6	104.8	102.8	102.7
1973	112.7	123.3	111.4	107.7	105.3	109.8	107.1	106.0
1974	125.0	143.4	121.1	118.0	115.8	119.4	116.4	111.8
1975	138.5	161.9	133.2	125.1	129.4	133.0	128.5	125.3
1976	148.9	166.2	148.0	132.0	143.3	144.3	136.2	134.3
1977	160.8	180.1	161.9	141.0	153.3	155.0	142.7	143.8
1978	175.2	208.0	174.1	146.4	162.2	166.2	148.2	155.5
1979	191.2	235.4	186.2	159.9	178.0	181.2	158.4	166.7
Toronto (1971 = 100)								
1965	82.6	85.7	82.6	84.4	79.4	80.4	79.1	77.7
1966	86.2	91.9	84.9	88.6	82.2	83.1	81.0	81.2
1967	88.8	91.4	88.6	92.4	85.8	87.0	84.9	83.2
1968	92.2	94.2	92.1	94.8	87.3	89.7	89.5	93.0
1969	95.9	98.2	95.5	97.2	92.2	93.6	93.6	97.2
1970	98.4	100.0	98.0	99.0	96.0	98.2	96.5	98.6
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.9	107.5	104.6	102.7	103.1	104.3	103.7	104.9
1973	113.2	123.4	112.2	108.7	104.3	111.4	107.8	108.1
1974	125.1	143.2	121.7	119.2	114.9	122.2	116.9	113.2
1975	138.5	162.4	133.6	124.1	128.0	137.2	129.6	125.6
1976	148.6	165.5	147.7	130.6	142.2	148.9	136.9	134.5
1977	160.1	179.0	160.8	137.9	151.8	161.0	142.7	144.4
1978	173.7	203.4	173.0	145.9	160.5	173.1	147.5	155.1
1979	189.8	228.9	184.7	162.1	177.9	191.5	157.5	166.6

Table 13.1 (cont'd)
Consumer Price Indexes, Canada and Selected Ontario Cities, 1965-1979¹

	All items	Food	Housing	Clothing	Transportation	Health & Personal Care	Recreation, Reading & Education	Tobacco, and Alcohol
Annual Averages								
Ottawa (1971 = 100)								
1965	81.3	84.0	81.1	83.2	79.7	78.7	77.5	77.5
1966	84.5	89.6	82.3	86.6	82.5	81.7	78.9	80.9
1967	86.5	90.6	84.1	90.8	84.0	85.1	83.5	83.2
1968	90.6	94.4	87.2	93.2	88.2	89.6	88.5	92.5
1969	94.2	97.0	91.7	96.3	90.1	94.1	96.5	96.9
1970	97.5	99.0	96.0	99.1	95.1	98.6	98.8	98.4
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.8	106.3	105.2	103.7	101.8	104.7	103.6	104.8
1973	113.1	121.2	111.8	110.4	107.3	110.1	109.3	107.9
1974	125.4	140.5	121.5	120.9	120.7	119.3	117.1	114.3
1975	137.5	158.2	132.6	127.7	130.2	131.0	127.2	127.9
1976	147.9	162.2	147.1	137.6	142.6	142.2	133.9	136.8
1977	160.0	175.4	161.8	148.6	151.4	152.8	138.6	147.4
1978	173.4	199.3	172.6	159.5	162.0	161.2	143.1	159.8
1979	188.7	223.8	183.7	175.7	179.1	173.9	153.1	172.6
Thunder Bay (1971 = 100)								
1969	96.2	96.5	97.1	97.8	93.7	92.9	94.0	98.7
1970	98.6	99.7	98.3	98.3	96.7	98.5	97.7	100.2
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.4	107.2	104.7	100.0	103.0	105.4	103.2	103.5
1973	112.2	122.4	111.7	104.4	106.6	110.2	106.8	106.3
1974	124.3	141.9	121.1	114.9	119.8	118.0	114.7	111.9
1975	138.3	162.2	133.6	119.4	135.1	132.6	125.9	124.4
1976	150.4	168.3	150.9	125.5	150.8	145.8	135.2	133.1
1977	162.1	180.7	164.3	132.8	163.0	159.0	141.7	143.3
1978	175.2	205.7	176.0	141.4	169.0	171.2	146.8	154.0
1979	190.7	229.0	188.8	155.4	184.2	185.5	158.2	166.2

¹ Revisions starting from 1971 have been brought into effect in October 1978 to take account of methodological differences that existed between city series and their Canadian counter-parts. The revisions give greater consistency between the city and Canadian series from 1971, but provide a break in the continuity of the city series in 1971. The details forming the basis of the change in the methodology are contained in the Statistics Canada Publication "Revisions of the Consumer Price Index."

Source: SC *Consumer Prices and Price Indexes*, 62-010.

Table 13.2
Trade Price Indexes¹ by Commodity Group, Canada, 1968-1979

	All Sections	Live Animals	Food, Feed Beverage and Tobacco	Crude Materials, Inedible	Fabricated Materials Inedible	End-products Inedible
Annual Averages 1971 = 100						
Imports						
1968	95.5	90.3	91.1	90.0	100.8	95.0
1969	97.2	95.4	92.0	94.3	100.3	97.1
1970	98.5	94.9	97.5	96.4	100.8	98.2
1971	100.0	99.5 ²	100.2 ²	100.00	100.1 ²	100.0
1972	102.6	109.2	109.2	106.5	99.8	102.1
1973	111.3	144.5	132.5	130.6	112.1	105.9
1974	142.9	129.3	172.1	281.0	158.1	116.2
1975	165.7	136.8	183.3	342.6	177.3	136.3
1976	169.6	118.3	172.7	363.2	177.9	140.7
1977	194.2	135.2	213.3	411.9	205.8	159.3
1978	219.6	188.0	233.0	458.0	233.4	182.3
1979	258.6	243.9	263.1	585.1	292.7	203.4
Exports						
1968	95.0	89.3	104.8	94.1	93.7	93.5
1969	96.9	98.4	100.8	96.2	97.9	95.0
1970	99.3	101.8	97.3	99.9	100.8	98.1
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	103.3	123.7	106.9	101.5	104.4	101.9
1973	119.0	156.9	149.1	122.5	121.7	104.2
1974	161.5	161.4	232.8	210.9	159.4	114.0
1975	181.0	151.4	228.8	251.2	183.0	126.7
1976	188.5	146.7	215.5	275.3	188.8	134.1
1977	205.3	156.2	198.8	316.6	210.1	144.7
1978	223.7	175.3	211.1	344.4	231.0	157.9
1979	273.4	270.2	258.7	454.6	281.8	175.0

1) These indexes are Laspeyres price indexes. They are based on fixed weights derived from 1971 shipment quantities and hence reflect changes in price alone. Most of the non-end product indexes are based on average prices derived from commodity import value and quantity data. The end product indexes are based on wholesale price indexes from Canadian, U.S., and foreign sources as proxies for import prices. For further details and for Paasche indexes refer SC, Summary of External Trade, Catalogue 61-001.

2) Base year figure differs from 100.0 due to re-edit and price adjustments made by SC.

Source: SC., External Trade Division and Cansim

Table 13.3Implicit Price Indexes, Gross National Expenditure, Canada, 1961–1979¹

	Expenditure		Gross Fixed Capital Formation		Trade		Gross National Expenditure
			Gov't	Business	Goods & Services		
	Personal ¹²	Gov't ¹³			Exports	Imports	
	Annual Averages 1971 = 100						
1961	76.8	59.1	71.4	71.6	81.3	80.3	72.4
1962	77.8	60.6	72.4	72.5	84.5	84.0	73.4
1963	79.0	63.1	74.4	74.5	85.3	85.9	74.8
1964	80.0	65.2	77.0	77.2	87.1	86.6	76.6
1965	81.6	68.2	81.1	81.0	88.7	87.3	79.1
1966	84.3	72.8	85.3	85.1	91.1	89.2	82.6
1977	87.2	77.8	87.1	87.1	93.0	90.7	85.9
1968	90.8	82.2	87.7	87.9	94.3	93.0	88.7
1969	94.3	89.0	91.4	91.5	96.4	95.6	92.6
1970	97.7	94.2	95.3	95.3	99.7	98.2	96.9
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.0	107.2	105.0	104.9	103.9	103.1	105.0
1973	111.6	116.4	114.2	114.1	117.4	111.2	114.6
1974	124.2	135.1	133.3	132.5	152.2	134.3	132.1
1975	137.3	156.0	150.2	149.6	168.6	153.6	146.3
1976	147.4	177.8	163.9	163.9	173.9	155.4	160.5
1977	158.4	194.9	176.9	177.0	187.3	174.2	171.7
1978	170.0	212.6	191.2	191.7	203.1	197.6	182.7
1979 ^p	185.3	230.8	204.5	207.6	241.9	226.9	200.7

1) These implicit indexes are currently weighted price indexes. They reflect not only pure price changes, but also changing expenditure patterns within and between major groups. They are derived by dividing the total in current dollars by the total in constant dollars.

2) On consumer goods and services.

3) Current, on goods and services.

Source: SC, Gross National Product Division.

National Income and Expenditure Accounts, (13–001)

System of National Accounts — National Income and Expenditure Accounts, (13–201)

Table 13.4
Industry, Secondary Metals and Energy Price Indexes, Canada, 1961-1979

	Industry			Industrial Materials			Energy Selling Price Indexes		
	Selling Price Indexes			Purchase Price Indexes			Electric Power		Petroleum Refineries ⁵
	Total ^{1,5}	Food and Beverage ²	Non-Food ³	Scrap		Thermal Coal ⁴	Over 5,000 kw	Under 5,000 kw	
				Ferrous	Non-Ferrous				
Annual Averages 1971 = 100									
1961	82.4	77.3	83.7	..	..	..	..	..	88.2
1962	83.3	79.0	84.4	..	..	..	..	..	87.6
1963	84.4	82.0	85.0	..	..	..	..	..	85.0
1964	85.1	82.3	85.8	..	..	..	..	..	85.2
1965	86.2	83.2	87.0	..	..	..	..	..	83.6
1966	88.7	88.0	88.8	..	..	..	..	..	83.8
1967	90.4	88.6	90.9	..	..	..	..	..	84.6
1968	92.3	89.7	93.0	..	..	..	..	..	86.3
1969	95.8	94.5	96.1	..	..	..	..	..	88.0
1970	98.1	97.0	98.3	..	..	..	..	..	90.7
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.5	109.0	103.4	94.3	93.5	106.7	101.0	101.9	102.7
1973	116.2	133.5	112.3	136.7	126.3	114.9	107.1	105.1	117.5
1974	138.3	157.6	133.8	261.0	166.5	173.8	119.2	109.2	160.1
1975	153.7	173.4	149.3	186.3	118.7	246.4	131.6	122.7	184.5
1976	161.6	175.8	158.4	187.3	138.0	268.3	153.6	139.8	211.5
1977	174.3	187.9	171.3	163.0	152.5	288.0	200.4	160.1	246.7
1978 ^P	190.4	208.9	186.4	187.4	175.0	339.1	221.9	177.7	278.8
1979 ^P	217.9	235.6	214.0	250.8	242.5	368.1	243.2	194.2	..

1) Gross weighted, including inter industry shipments.

2) Includes non-alcoholic beverages.

3) Includes alcoholic beverages.

4) Metallurgic coal is not included. The figures given apply to the input to utilities for electric power generation.

5) For the period September 1978 to January 1979 contains estimates of the movement of petroleum prices.

Sources: SC. Prices Division,

Industry Price Indexes, (62-001)

Industry Selling Price Indexes: Manufacturing (1971 = 100), 1956-1976, (62-543)

Table 13.5
Farm Input Price Indexes, Eastern Canada, Western Canada and Canada 1975-1979

	Farm Inputs Total	Building and Fencing	Machinery and Motor Vehicles ¹	Crop Produc- tion ²	Animal Produc- tion ²	Supply and Services	Hired Farm Labour	Property Taxes ⁴	Interest ³	Farm Rent ¹
Annual Averages 1979 = 100										
Eastern Canada										
1975	161.8	151.4	141.3	218.8	162.3	138.8	157.8	116.1	206.4	168.9
1976	170.8	168.7	153.5	196.3	166.4	149.8	180.9	133.8	242.6	181.9
1977	180.4	181.5	163.9	209.6	170.9	161.2	197.9	141.6	253.9	200.9
1978	199.3	198.4	175.8	224.7	196.2	172.5	208.3	153.3	292.2	220.4
1979	231.5	224.2	197.7	256.1	237.4	190.5	220.9	155.4	382.2	243.0
Western Canada										
1975	163.0	156.6	140.3	236.6	161.0	136.5	176.3	113.1	203.3	242.6
1976	174.9	173.8	153.1	222.5	163.2	150.1	203.4	130.3	242.3	250.5
1977	179.5	187.3	164.8	219.7	162.4	161.1	225.8	140.1	237.8	216.6
1978	203.0	204.8	176.5	227.4	209.5	172.7	239.9	150.9	278.6	236.1
1979	237.3	228.8	193.9	251.2	265.4	190.1	254.1	158.3	387.4	245.3
Canada										
1975	162.4	153.5	140.7	226.7	162.1	138.0	165.1	114.3	204.7	219.4
1976	172.8	170.7	153.1	210.1	165.1	149.9	189.8	131.7	242.4	228.9
1977	180.0	183.9	164.4	213.7	167.4	161.2	208.6	140.7	244.8	211.6
1978	201.1	201.0	176.2	225.5	201.8	172.6	220.4	151.8	284.5	231.1
1979	234.4	226.1	195.4	253.8	249.1	190.4	233.6	157.2	385.1	244.6

1) Farm share only

2) Items included in these indexes are those used only in production. The indexes are not therefore indicative of total cost of crop or animal production.

3) Includes mortgage and non-mortgage interest.

4) Selected items.

Source: SC, Prices Division, *Farm Input Price Index*, (62-004)

Table 13.6
Index Numbers of Farm Prices of Agricultural Products, Ontario and Canada 1971-1979²

	Ontario			Canada ¹		
	Total	Crops	Livestock	Total	Crops	Livestock
Annual Averages 1971 = 100						
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	110.9	104.4	113.5	114.0	113.7	114.2
1973	148.2	145.0	149.5	170.4	202.7	150.6
1974	163.7	166.6	162.6	205.5	273.7	163.6
1975	174.6	166.2	178.0	203.6	246.4	177.3
1976	176.9	174.3	178.0	195.5	227.4	175.9
1977	179.6	176.9	180.7	191.7	213.2	178.4
1978	203.6	185.8	210.9	217.6	224.3	213.5
1979 ²	230.5	200.9	242.6	248.8	250.1	248.0

1) Excludes Newfoundland.

2) The 1979 price indexes are subject to adjustments which can be made after final payments are completed. For Ontario this affects wheat only, for Canada wheat, oats and barley.

Source: SC, Farm Income and Prices Section, Agriculture Division.

Index Numbers of Farm Prices of Agricultural Products, (62-003) and CANSIM.

Table 13.7
Raw Materials Price Indexes, Canada, 1977-1978¹

Raw Materials Price Indexes, Canada, 1977-1978										
	Total Indexes		Raw Materials Commodity Indexes							Fuels
	All Items	Excl. Fuels	Vegetable	Animal	Textile	Wood	Ferrous	Non Ferrous	Non Metallic Mineral	
	Annual Averages 1977 = 100									
1977	100.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	112.3	111.8	101.2	120.3	102.2	110.8	111.0	116.5	106.9	113.0

1) These data are subject to revision, resulting from weight adjustments.

Source: SC, Prices Division, *Industry Price Indexes*, (62-011)

Table 13.8**Building Construction Input Price Indexes, Canada and Ontario, 1961–1979**

	Residential Building ¹			Non-Residential Building		
	Construction Input Price	Materials	Labour	Construction Input Price	Materials ¹	Labour
Annual Averages 1971 = 100						
Canada						
1961	56.3	69.3	46.6	59.0	74.6	46.9
1962	57.6	69.7	48.6	59.8	73.9	49.0
1963	59.6	72.0	50.3	61.7	75.9	50.7
1964	62.6	75.8	52.7	64.6	79.5	53.1
1965	65.9	80.3	55.2	67.6	83.1	55.7
1966	69.9	83.5	59.6	71.4	86.1	60.1
1967	74.6	86.7	65.5	75.6	87.8	66.1
1968	79.9	91.5	71.1	79.7	90.0	71.7
1969	85.1	96.4	76.5	84.5	94.0	77.2
1970	91.2	95.3	87.9	92.0	96.6	88.5
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	110.1	109.8	110.6	107.8	104.9	111.0
1973	123.2	124.0	121.8	117.5	113.1	122.3
1974	134.7	135.2	133.8	136.1	137.3	134.7
1975	144.0	139.7	151.6	150.4	147.0	154.1
1976	160.5	153.6	172.8	165.7	156.6	175.9
1977	175.5	165.2	193.9	179.7	165.6	195.4
1978	192.0	184.1	206.2	193.2	179.4	208.4
1979	211.4	206.9	219.5	214.6	208.6	221.3
Ontario						
1971	100.0	100.0	100.0	100.0	..	100.0
1972	110.3	109.2	112.2	108.8	..	113.0
1973	123.5	123.5	123.5	118.1	..	123.6
1974	134.5	134.9	133.8	135.2	..	132.8
1975	141.6	138.8	146.2	146.6	..	146.0
1976	156.4	151.0	165.8	161.9	..	167.8
1977	169.9	160.8	185.3	174.4	..	184.3
1978	185.1	179.0	195.5	186.4	..	194.2
1979	205.2	203.0	209.0	207.7	..	206.7

1) These indexes measure price changes for labour and materials used in single detached residential construction.

Source: SC, Prices Division, *Construction Price Statistics*, (62-007)

Table 13.9

New Housing Price Indexes, by Metropolitan Areas, 1971-1979

	Montreal	Toronto	Ottawa-Hull	Winnipeg	Calgary	Edmonton
	Annual Averages 1979 = 100					
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	107.6	110.2	112.7	105.2	110.0	109.1
1973	125.8	137.6	138.2	128.4	126.4	132.6
1974	177.7	171.6	171.2	163.5	162.3	172.8
1975	190.3	171.0	178.3	177.5	195.4	205.3
1976	200.9	180.7	192.5	199.8	243.1	245.8
1977	211.7	180.2	198.1	211.8	259.9	262.8
1978	215.8	180.3	195.0	219.2	280.7	280.9
1979	228.3	179.2	196.0	223.5	299.5	302.5

Source: SC, Prices Division, *Construction Price Indexes*, (62-007)

Finance

Highlights

- **Ontario Finances** — Interim budgetary plus non-budgetary revenue for Ontario in 1979–80 was \$15.2 billion up 14.8 per cent from 1978–79 and 170.6 per cent from 1971–72. Interim budgetary plus non-budgetary expenditure was \$15.9 billion in 1979–80 up 10.0 per cent from 1978–79 and 138.9 per cent from 1971–72. The funded debt per capita was \$1,784 in 1979–80, up \$131 or 7.9 per cent from 1978–79 and 163.5 per cent from 1971–72. The estimated funded debt per capita for 1980–81 is \$1,885, 5.6 per cent higher than for 1979–80.
Of Ontario's total interim budgetary revenue of \$14.2 billion in 1979–80, personal income tax accounted for 22.3 per cent and retail sales tax for 17.0 per cent. Payments from the federal government amounted to 19.2 per cent of the total.
Of Ontario's total interim budgetary expenditure of \$15.4 billion in 1979–80, 27.8 per cent went to Health, 16.7 per cent to Education and 9.4 per cent to Colleges and Universities.
Total revenues of the Ontario Municipal Revenue Fund stood at \$4.1 billion in 1978. In 1978, expenditures of the Ontario Municipal Revenue Fund were \$5.8 billion.
- **Bond Issues** — The number of marketable bond issues and retirements fluctuates from year to year in Ontario. Over the last five years, the high for net issues was recorded in 1975 when \$1.5 billion worth of bonds were issued, a decrease of 30.8 per cent to 1.0 billion by 1979.
- **Foreign Reserves** — Canada's reserve position in the International Monetary Fund stood at US\$212.1 million in 1961; by 1971 it had reached US\$332.6 million, an increase of 56.8 per cent over 1961. In 1979 the total was US\$390.6 million, down US\$166.2 million or 29.8 per cent from 1978 and up 17.4 per cent over 1971.
Canada's total international reserves have fluctuated through 1953 to 1978. The 1979 level of US\$3.9 billion represented a decrease of US\$679.3 million or 14.9 per cent from 1978.
- **Cheques Cashed** — In terms of value of cheques cashed against individual accounts in 1979, Ontario accounted for \$24 trillion or 59.7 per cent of the Canada total of \$4.0 trillion. Toronto, at \$2.1 trillion, accounted for 89.0 per cent of the Ontario total and 53.2 per cent of the Canada total.
- **Toronto Stock Exchange** — The Toronto Stock Exchange 300 Composite Stock Price Index has generally experienced an upward trend over the past 20 years. The high point reached was in 1980 with a mark of 2202.62. On the other hand, the lowest point within the last 10 years was in 1974 when the index dipped to 821.10. The high in 1980 for the Index was 2202.62 which represented a 389.14 point, or 21.5 per cent increase from the high recorded in 1979. The low for 1980 was 1670.89 compared with 1310.31 for 1979.
- **Corporate Activity** — The number of active corporations in Ontario in 1979–80 was 259,500 up 6.6 per cent from 1978–79 and 94.1 per cent from 1972–73. The number of new corporations incorporated each year in Ontario continues to increase steadily. In 1978–79 there were 28,408 new firms incorporated; in 1979–80 there were 27,969. This represents a decrease of 439 or 1.5 per cent.
In 1979 in Ontario there were 2,223 business bankruptcies, accounting for 39.3 per cent of the Canadian total and representing a 4.6 per cent increase over the 1977 Ontario total.

Definitions

Official International Reserves

Convertible Foreign Currencies — Comprise the holdings of the Exchange Fund Account, the Receiver-General for Canada and the Bank of Canada.

Holdings of Currencies Other Than U.S. Dollars — Consist of currencies defined as convertible by the International Monetary Fund (IMF) and valued at their official parity or central rates until May, 1973 and at their month-end market closing rates thereafter.

Gold Holdings — Prior to May, 1972 gold holdings were valued at slightly less than the official price to defray potential transportation costs. Commencing in that month, gold holdings were valued at the SDR \$35/ounce which added U.S. \$2.5 million to the value of reserves at that time.

Canada's Holdings of Special Drawing Rights — Include allocations to Canada of SDR's at the first of the year as follows: 1970 - U.S. \$124.3 million, 1971 - U.S. \$117.7 million, 1972 - U.S. \$116.6 million, 1979 - U.S. \$183.9 million, 1980 - U.S. \$186.5 million. They also reflect transactions involving Canada under the arrangements by the IMF providing for the use of SDR's by member countries and by the IMF.

The Reserve Position in the International Monetary Fund — Is the amount of foreign exchange that Canada is entitled to draw from the Fund on demand for balance of payments purposes.

Direct Taxes — Direct taxes include personal, corporate and government business enterprise income tax, levies imposed on logging and mining profits, succession duties and estate taxes. Employer and employee contributions to public service pensions, unemployment insurance, workmen's compensation and industrial employees' vacations are considered as direct personal taxes as are contributions made to the Canada Pension Plan or Québec Pension Plan. — Indirect taxes encompass Customs import duties, excise duties and taxes, corporation tax (other than taxes on profits), gasoline tax, miscellaneous taxes on natural resources, the business share of motor vehicle licences and permits, other licences, fees and permits and retail sales tax. Amusement taxes, personal and property taxes, and profits of provincial liquor commissions are also considered indirect taxes.

Transfers from Other Levels of Government — This category includes both general and specific purpose transfers from federal and local governments. The provincial share of federal estate tax, the tax on undistributed income and income tax on privately-owned utilities are classified as transfer payments at the provincial government level.

Credit Union Assets and Liabilities

Assets — Cash — includes money on hand, deposits in chartered banks, trust companies, Province of Ontario Savings Office, and credit union centrals. Investments — includes term deposits, bonds and debentures of and guaranteed by governments at all levels in Canada, shares in centrals, and debentures and shares of reputable corporations (all valued at cost). Specifically excluded are investments in the shares of other credit unions. Loans Receivable — includes all loans outstanding at the end of the accounting period, sub-divided into two main groups:

- 1) secured by a realty mortgage on property (excluding chattel mortgages), and
- 2) not secured by a mortgage (primarily personal loans).

Fixed Assets — includes buildings (less accumulated depreciation), furniture, fixtures and equipment (less accumulated depreciation) and land.

Liabilities — **Accounts Payable** — includes interest payable on borrowings and term deposits, and all commercial accounts owed by the credit union. **Loans Payable** — includes borrowings of credit unions from chartered banks, and credit union centrals. **Deposits** — includes ordinary or demand deposits, term deposits, and chequing account deposits as follows:

Demand — money received by credit unions from their members, which members may subsequently withdraw "on demand" after satisfying a statutory waiting period or notice of intent to withdraw of up to 30 days.

Term — money deposited by credit union members, which funds cannot be withdrawn prior to a fixed or stated future date. The rate of interest paid on term deposits is guaranteed during the term specified.

Chequing — money deposited by credit union members to their individual credit, against which a member can issue personal cheques up to the amount of his deposit.

Other Liabilities – includes the value of liabilities not otherwise specified, such as employee benefits, deferred charges, stabilization funds under administration, etc.

Members' Equity – Share Capital – includes ordinary shares, shares held by corporations, and the net of estate shares minus estate loans. **Reserves** — includes a statutory Reserve Fund and other special or general reserves.

Corporation – A corporation is created by filing articles of incorporation; by filing a memorandum of association; or by issuing letters patent of incorporation. The incorporating instrument – articles, memorandum or letters patent, depending upon the particular provincial or federal statute – sets forth the objects of the corporation and certain provisions for the regulation and conduct of its affairs, and, in the case of a corporation with share capital, the amount of capital it is authorized to issue.

Summary by Upper Tier – The organization of municipal responsibilities and powers differs from area to area but there are three basic types of structure: restructured two tier areas, counties and districts.

Restructured two tier areas cover most of the faster developing urban centres of Ontario. In each of these areas, there are two levels of municipal government: an upper tier municipality serving the entire area and a number of lower tier municipalities each of which has jurisdiction over part of the area. Upper tier municipalities are variously referred to as metropolitan municipalities, regional municipalities, district municipalities or restructured counties. The division of responsibilities between upper and lower tier municipalities varies between restructured areas, but upper tier municipalities usually provide health and social services, police, transit, major roads, sewers, solid waste disposal and regional planning. Lower tier municipalities are generally responsible for fire protection, neighbourhood roads, solid waste collection and recreation services.

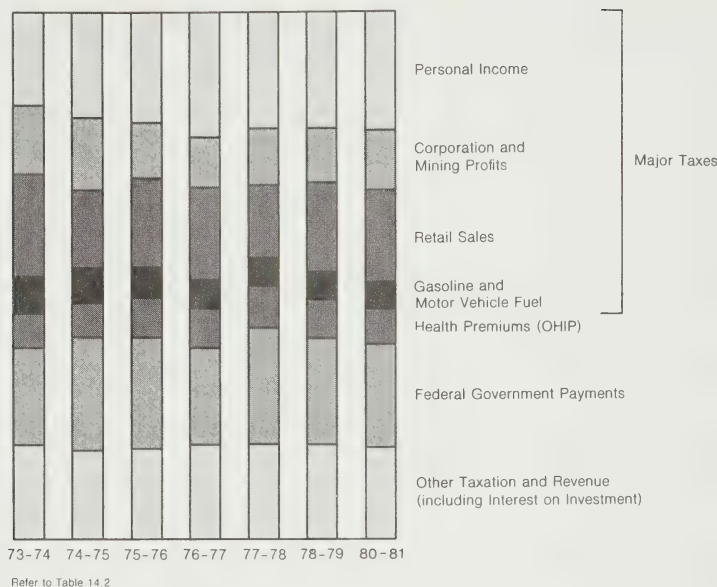
Counties are an older form of two tier local government dating back to the Baldwin Act of 1849. They differ from the more recently created two tier systems in two ways. First, the upper tier, or county municipality, generally has responsibility for county roads and health and social services with all other municipal functions being provided by lower tier municipalities. Second, cities and separated towns which are geographically situated within counties are not part of the county structure, but are separate, single tier municipalities.

Districts in Northern Ontario are geographic entities only. Within districts are single tier municipalities and large areas which are unorganized for municipal purposes. The municipalities provide the full range of municipal services, while people living in unorganized areas may receive limited municipal services from the Province. In addition, local boards provide a variety of services to residents of municipalities and unorganized areas alike.

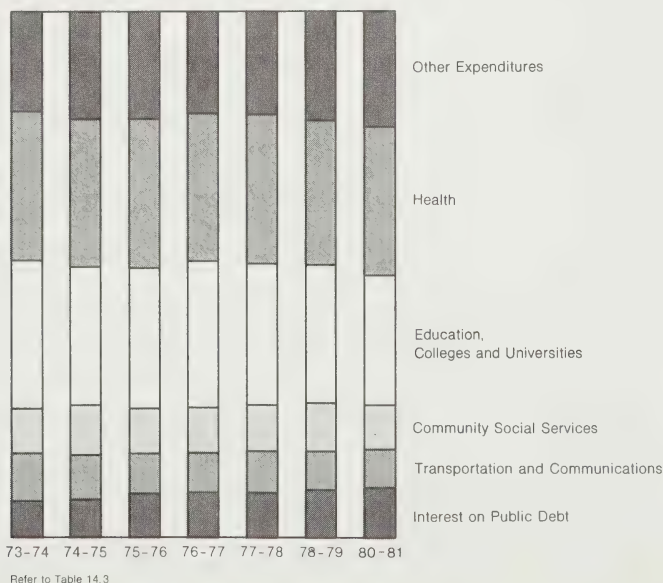
The summary by upper tier presents, for each upper tier group, the aggregate data for upper tier municipalities plus constituent lower tier municipalities, less items where applicable. Metropolitan Toronto is shown first followed by the other restructured two tier areas (counties and districts) each in alphabetical order. This table is useful for analyses based on geographic areas.

Graph 14.A

Relative Importance of Major Revenue Sources, Ontario,
Selected Years, 1973-74 to 1980-81

**Graph 14.B**

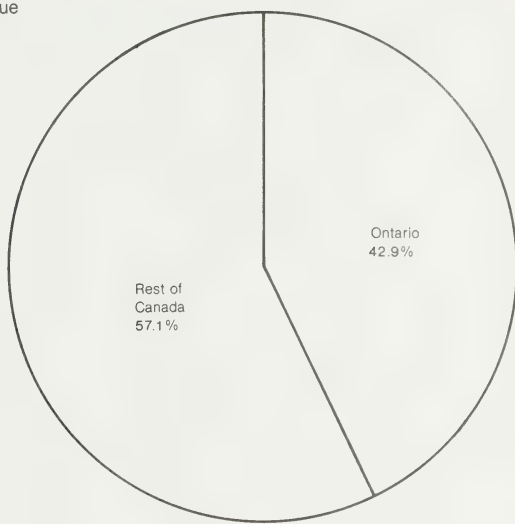
Relative Importance of Major Expenditure Functions, Ontario,
Selected Years, 1973-74 to 1980-81



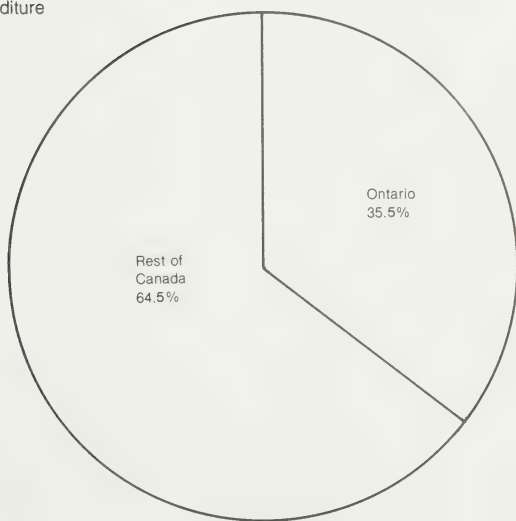
Graph 14C

The Federal Tax Dollar in Ontario and the Rest of Canada, 1979

Proportion of Revenue

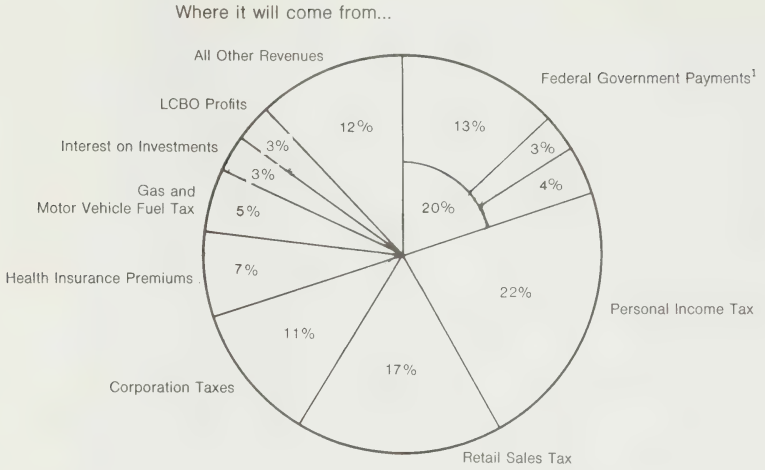


Proportion of Expenditure

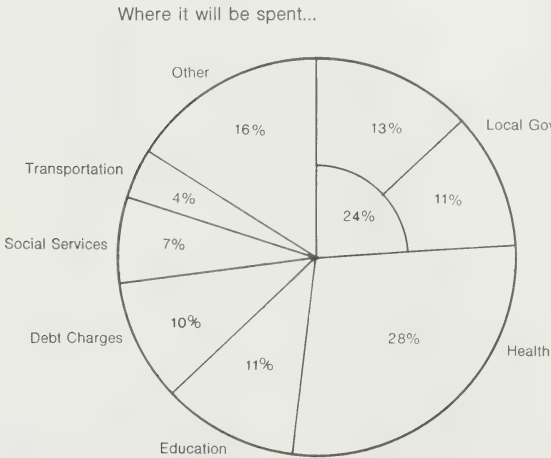


Graph 14.D

The Budget Dollar, Ontario, 1980-81 (estimated)

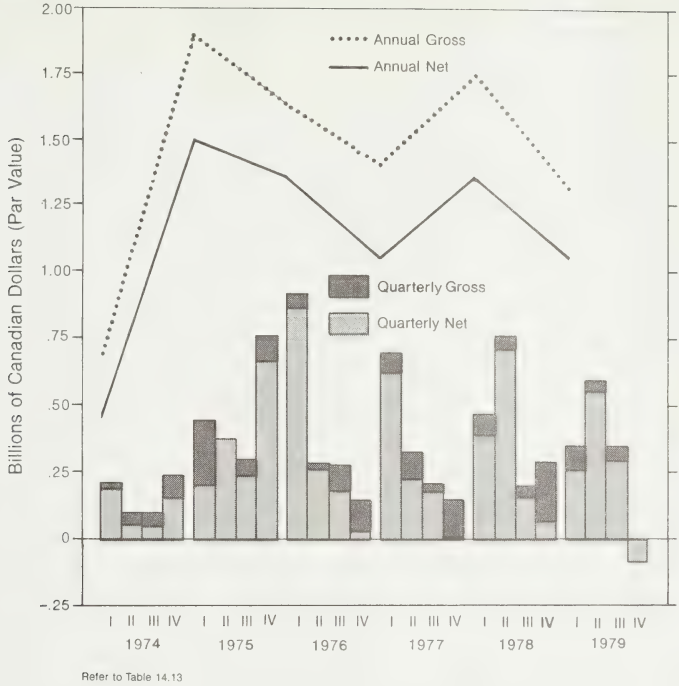


¹Comprised of: Canada Assistance Plan (3%), Established Programs Financing (13%) and Other Payments (4%).

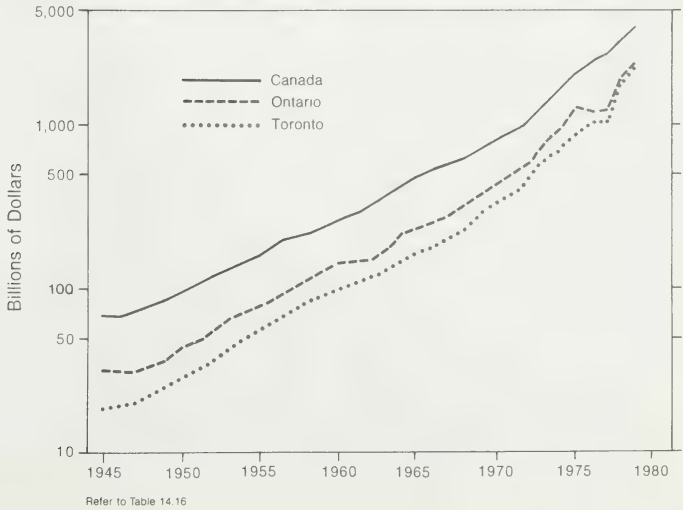


²Payments to School Boards (13%) and Municipalities and Local Agencies (11%).

Graph 14.E
Marketable Bond Issues and Retirements, Ontario, 1974-1979

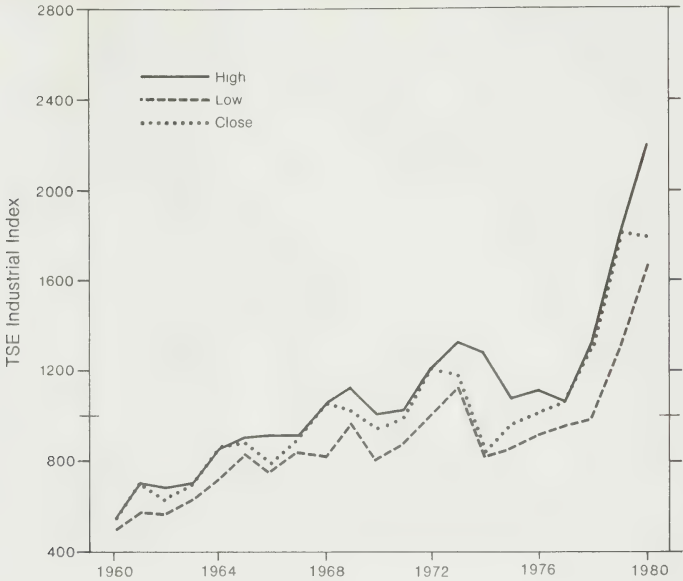


Graph 14.F
Cheques Cashed Against Individual Accounts, Canada, Ontario and Toronto, 1945-1979



Graph 14.G

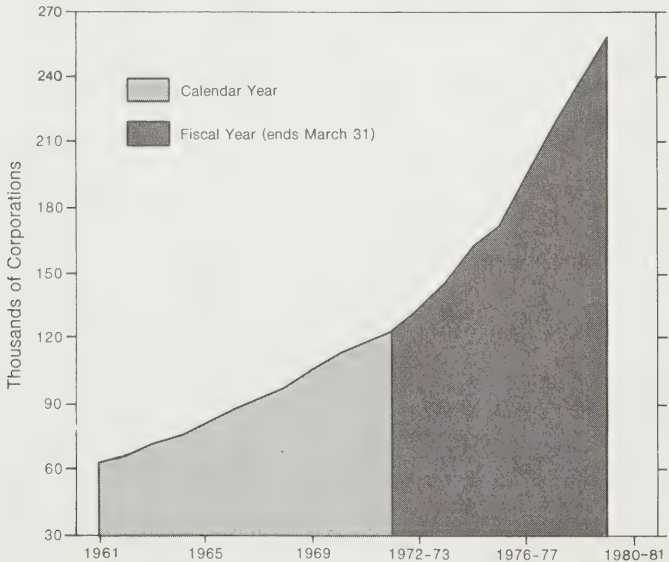
Toronto Stock Exchange – TSE 300 Composite Stock Price Index, 1960-1980



Refer to Table 14.20

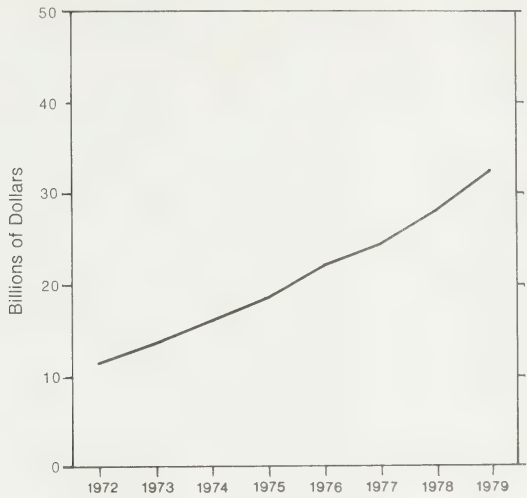
Graph 14.H

Growth in the Number of Corporations, Ontario, 1961 to 1979-80



Refer to Table 14.21

Graph 14.1
Outstanding Balances of Consumer Credit, Canada, 1973-1979



Refer to Table 14.17

Table 14.1
Ten-Year Review, Ontario, 1971-72 to 1980-81

	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78 ¹	1978-79 ¹	1979-80 ¹	1801-80 ²
	\$ Million									
Financial Transactions ³										
Revenue	5,615	6,294	7,177	8,855	9,520	11,148	11,782	13,233	15,196	16,172
Expenditure	6,636	7,038	7,885	9,832	11,319	12,467	13,544	14,413	15,855	17,121
Net Cash Requirements	1,021	744	708	977	1,799	1,319	1,762	1,180	659	949
Financial Position										
Funded Debt (excluding Ontario Hydro)	5,270	6,300	7,008	7,844	9,818	10,895	12,364	14,037	15,221	16,195
Funded Debt per Capita	677	798	873	962	1,190	1,307	1,466	1,653	1,784	1,885
Funded Debt as a Per Cent of Gross Provincial Product	13.7	14.5	13.9	13.1	15.0	%	15.1	15.6	15.0	14.7
U.S. Borrowing on behalf of Ontario Hydro	1,005	1,159	1,382	1,710	2,240	2,509	2,901	3,568	3,782	..
Contingent Liabilities	2,781	3,030	3,330	3,843	5,027	5,735	6,152	6,692	..	..

1) Interim

2) Estimated

3) Includes budgetary and non-budgetary expenditures.

Source Ministry of Treasury and Economics

Table 14.2
Budgetary Revenue, Ontario, 1975-76 to 1980-81

	1975-76	1976-77	1977-78 ¹	1978-79 ²	1979-80 ¹	1980-81 ²
\$ Million						
Taxation	5,205	6,006	6,652	6,946	8,524	9,180
Personal Income Tax ³	1,571	1,782	2,447	2,735	3,163	3,430
Federal Revenue Guarantees	255	496	210	44	-	10
Corporation Taxes:						
Income Tax	929 ⁴	789 ⁴	743	964	1,236	1,270
Capital & Insurance						
Premiums Taxes	211 ⁴	213 ⁴	271	314	369	382
Retail Sales Tax	1,328	1,775	1,926	1,717	2,410	2,670
Gasoline Tax	505	508	523	539	612	631
Motor Vehicle Fuel Tax	73	79	85	94	128	135
Reciprocal Taxation	...	...	22	40	39	46
Mining Profits Tax	63	42	23	42	98	125
Tobacco Tax	104	157	206	258	275	291
Succession Duty ⁴	64	62	73	63	47	8
Land Transfer Tax	51	52	62	67	92	100
Land Speculation Tax ⁵	3	6	7	5	1	-
Race Tracks Tax	38	41	43	46	51	55
Income Tax — Public						
Utilities	7	5	8	15	-	23
Other Taxation	3	-1	3	3	3	4
Other Revenue	1,484	1,827	1,968	2,200	2,450	2,588
Premiums — OHIP	573	799	830	977	1,035	1,054
LCBO Profit	273	302	327	356	400	423
Vehicle Registration Fees	222	223	267	301	315	336
Other Fees and Licences	176	202	219	244	271	290
Ontario Lottery Profits	42	76	71	46	59	67
Fines & Penalties	47	51	59	62	68	70
Royalties	40	42	49	57	62	64
Sales & Rentals	26	39	42	45	44	65
Utility Service Charges	32	36	48	55	54	52
Miscellaneous	53	57	56	57	142	167 ⁷
Payments from the Federal Government	1,930	2,236	2,040	2,748	2,730	3,008
Interest on Investments	391	445	439	428	489	522
Total Budgetary Revenue	9,010	10,514	11,099	12,322	14,193	15,298

1) Interim

2) Estimated

3) Net of tax credits of \$391 million, \$418 million, \$424 million, \$434 million, \$455 million and \$463 million for the 1975-76, 1976-77, 1977-78, 1978-79, 1979-80 and 1980-81 fiscal years.

4) Repealed April 10, 1979.

5) Repealed in November 1978.

6) Includes \$37 million profit from the sale of Syncrude Investment.

7) Includes the Pickering Agreement Settlement.

Source: Ministry of Treasury and Economics.

Table 14.3
Budgetary Expenditure by Policy Field and Ministerial Responsibility, Ontario, 1975-76 to 1980-81²

	1975-76	1976-77	1977-78 ¹	1978-79 ¹	1979-80 ¹	1980-81 ²
	\$ Million					
Social Development Policy	6,805	7,672	8,561	9,152	9,832	10,506
Health	2,945	3,350	3,628	3,955	4,265	4,717
Education	1,776	1,986	2,342	2,390	2,571	2,617
Colleges & Universities	1,019	1,158	1,259	1,372	1,448	1,526
Community & Social Services	956	1,034	1,140	1,228	1,346	1,455
Culture & Recreation	109	144	192	207	202	191
Resources Development Policy	1,613	1,655	1,822	1,882	2,039	2,268
Transportation & Communications	911	917	1,034	1,069	1,140	1,199
Natural Resources	202	234	243	247	278	289
Housing	192	157	172	167	200	258
Agriculture & Food	151	165	170	174	161	182
Environment	83	99	114	122	135	185
Industry & Tourism	50	56	53	60	69	74
Labour	20	23	29	34	42	50
Energy	4	4	7	9	14	31
Justice Policy	358	428	463	501	553	576
Solicitor General	128	144	153	168	187	192
Correctional Services	88	107	118	130	139	146
Attorney General	99	116	129	140	157	165
Consumer & Commercial Relations	43	61	63	63	70	73
Other Ministries	989	1,098	1,041	1,148	1,537	1,584
Intergovernmental Affairs	387 ⁴	461	392	511	680	469
Government Services	288	296	270	253	327	287
Revenue	173	198	195 ³	194 ³	195 ³	219 ³
Pension Property Tax Grants	-	-	-	-	-	214 ³
Pensioner Sales Tax Grants	-	-	-	-	-	41 ³
Northern Affairs	95	87	113	125	139	157
Treasury & Economics	...	19	19	20	20	22
Employment Development Fund	-	-	-	-	130	125
Assembly	30	17	30	22	19	22
Management Board	8	8	8	8	11	11
Ombudsman	1	3	4	4	4	5
Other	7	10	10	11	12	12
Public Debt — Interest	725	890	1,033	1,230	1,407	1,614
Contingency for Salary Awards	-	-	-	-	-	161
Total Budgetary Expenditure	10,490	11,743	12,920	13,913	15,368	16,709

1) Interim

2) Estimated

3) Supplementary Estimates to be tabled in the Legislature.

4) Includes Treasury & Economics, as breakout not available for this year.

Source: Ministry of Treasury and Economics.

Table 14.4
Municipal Revenue Fund, Revenues, Ontario 1968-1978

Taxation ¹					
	Residential and Farm	Commercial and Industrial	Business	Special Charges	Total
\$'000's					
1968	735,845	367,992	149,004	29,411	1,282,252
1969	835,568	406,372	165,380	30,974	1,438,294
1970	929,751	449,911	184,197	32,921	1,596,780
1971	953,784	463,240	194,915	38,143	1,650,082
1972	1,004,035	491,269	207,549	41,546	1,744,399
1973	1,025,704	501,127	220,755	40,071	1,787,728
1974	1,127,903	567,807	244,917	41,638	1,982,265
1975	1,321,828	673,679	294,257	61,325	2,351,089
1976	1,543,066	795,753	347,925	75,832	2,762,876
1977	875,030	451,088	211,382	125,173	1,662,673
1978	941,300	477,632	221,527	145,377	1,785,809

Table 14.4 (cont'd)

	Payments in Lieu of Taxes	Ontario Grants	Other Revenue	Total Revenue
\$'000's				
1968	47,504	226,367	92,358	1,648,481
1969	55,001	239,402	109,878	1,842,575
1970	62,863	292,924	121,958	2,074,525
1971	65,958	364,600	143,457	2,224,097
1972	73,038	398,654	160,483	2,376,574
1973	80,758	528,745	167,460	2,564,691
1974	95,638	638,337	209,283	2,925,523
1975	121,275	964,794	297,756	3,734,914
1976	144,130	1,003,198	368,162	4,278,366
1977	144,516	1,031,856	862,975	3,702,020
1978	161,280	1,118,286	1,031,365	4,096,753

1) Includes taxation revenue of school boards.

2) Includes Children's Aid Societies, District Welfare Boards, Homes for Aged and Public Health Units.

3) Includes Conservation Authorities.

Source: Ministry of Intergovernmental Affairs, Municipal Budgets and Accounts Branch.

Table 14.5
Municipal Revenue Fund, Expenditures, Ontario, 1968–1978

	General Government	Protection				Transportation			
		Fire	Police	Other	Total	Roads	Transit	Other	Total
		\$'000's							
1968	131,484	65,943	88,368	31,221	185,532	262,199	20,200	41,526	323,925
1969	153,387	78,878	103,883	33,769	214,530	269,295	21,300	44,930	335,525
1970	52,360	88,151	123,317	37,121	248,589	298,319	23,400	51,214	372,933
1971	173,716	98,549	143,976	42,419	284,944	337,749	29,900	62,262	429,911
1972	187,061	111,802	163,566	47,604	322,972	354,695	37,500	66,309	458,504
1973	196,619	124,308	188,796	52,955	366,059	370,697	56,600	73,027	500,324
1974	243,648	144,784	227,768	60,720	433,272	400,258	81,764	78,529	560,551
1975	272,545	176,949	284,256	83,457 ¹	544,662	453,924	114,502	74,705	643,131
1976	311,278	195,454	327,548	79,740	602,742	486,279	108,189	82,245	676,713
1977 ⁵	365,040	218,384	373,007	61,696	653,087	607,362	347,523	58,536	1,013,421
1978	430,175	235,675	407,831	67,657	711,163	626,402	381,035	74,395	1,081,832

Table 14.5 (cont'd)

	Environment					Health And Social	Recreation	Planning	Total Own Expenditure	Education Levies	Total Expenditure
	Sewage	Solid Waste	Water	Other	Total						
	\$'000's										
1968	68,955	39,125	...	...	108,080	140,072	90,447	15,328	994,868	639,457	1,634,325
1969	74,248	42,856	...	...	117,104	157,538	103,305	16,982	1,098,371	744,333	1,842,704
1970	79,563	47,526	...	...	127,089	211,971	120,313	19,271	1,252,526	816,399	2,068,925
1971	89,012	53,716	...	...	142,728	266,555	141,180	25,342	1,464,376	755,971	2,220,347
1972	101,283	59,543	...	...	160,826	264,400	165,474	29,300	1,588,537	766,681	2,355,218
1973	114,259	66,983	...	...	181,242	275,581	196,026	33,869	1,749,720	796,850	2,546,570
1974	128,329	79,268	...	...	207,596	327,601	229,535	43,707	2,045,910	882,404	2,928,314
1975	188,031	89,213	...	...	277,244	544,418 ²	317,665 ³	73,873	2,673,538	1,053,566	3,727,104
1976	218,212	99,444	...	...	317,656	584,211	369,899	84,304	2,946,803	1,308,228	4,255,031
1977 ⁵	229,658	109,192	212,094 ⁴	12,904	563,848	566,676	445,949	107,016	3,715,037	1,546,359	5,261,396
1978	254,580	121,826	234,493	15,077	625,976	640,923	484,862	114,728	4,089,658	1,662,604	5,752,262

1) Includes Conservation Authorities.
2) Includes Children's Aid Societies, District Welfare Boards, Homes for Aged and Public Health Units.
3) Includes Library Boards, Arenas and other Recreation Boards.
4) The consolidation in 1977 of all municipal water systems has resulted in the addition of a separate reporting category for this function. Previously, municipal spending on water services was included with "Environmental Services."
5) Further consolidation of local boards and municipal enterprises, particularly transit operations, libraries and waterworks systems, may distort comparisons of the operations between 1976 and 1977.

Source: Ministry of Intergovernmental Affairs, Municipal Budgets and Accounts Branch.

Table 14.6
Federal Government Payments to Ontario, 1975-76 to 1980-81

	1975-76	1976-77	1977-78	1978-79 ¹	1979-80 ¹	1980-81 ²
	\$ Million					
Established Programs						
Financing ³	—	—	1,233	1,605	1,817	1,963
Hospital Insurance	849	1,027	29	28	30	7
Medical Care	288	360	8	—	—	—
Canada Assistance Plan	444	472	416	418	472	506
Extended Health Care Services ⁴	—	—	167	188	208	230
Post-Secondary Education Payments	167	190	—	—	—	—
Adult Occupational Training	71	80	76	105	88	104
Bilingualism Development	31 ¹	37 ¹	31	50	3	60
Economic Development	23	14	21	13	8	19
Vocational Rehabilitation	11	10	11	11	14	12
Economic Stimulation ⁵	...	...	...	288	35	—
Other Federal Payments	46 ¹	46 ¹	48	42	55	68
Community Service Contribution Program	—	—	—	—	—	39
Total Payments	1,930	2,236	2,040	2,748	2,730	3,008
Annual Per Cent Increase	27.2	15.9	(8.8)	34.7	(0.7)	10.2
Federal Payments as a Per Cent of Ontario Revenue	21.4	21.3	18.4	22.3	19.2	19.7

1) Interim

2) Estimated

3) Replaces former transfers for Hospital Insurance, Medical Care, Post-Secondary Education, and Revenue Guarantees effective April 1, 1977.

4) Replaces a portion of shared-cost expenses previously paid under the Canada Assistance Plan.

5) Federal share of the joint Federal-Provincial economic stimulus program which reduced the rate of the retail sales tax from 7 per cent to 4 per cent from the period April 11 to October 7, 1978.

Source: Ministry of Treasury and Economics.

Table 14.7

Government¹ Revenue, Expenditure and Surplus or Deficit on a National Accounts Basis, Ontario, Selected Years, 1971-1978.

	1971 ^f	1972 ^f	1973 ^f	1974 ^f	1975 ^f	1976 ^f	1977 ^f	1978
	\$ Million							
Revenue ²	18,411	20,516	23,183	27,775	30,454	34,848	37,240	39,780
Direct Taxes, Persons	5,663	6,270	7,093	8,469	9,402	10,864	11,550	12,211
Direct Taxes Corporations ³	1,544	1,807	2,233	2,949	2,979	2,713	2,526	2,770
Direct Taxes Non-residents, Federal	165	175	213	262	271	294	311	339
Indirect Taxes	5,554	6,239	7,120	8,372	8,450	10,028	11,007	11,575
Other Current Transfers from Persons	736	659	687	738	730	961	1,061	1,197
Investment Income	1,177	1,385	1,576	1,912	2,281	2,651	3,048	3,525
Current Transfers from Other Levels of Government ²	3,572	3,981	4,261	5,073	6,341	7,337	7,737	8,163
Current Expenditure ²	15,937	17,806	19,807	23,701	29,179	32,883	36,791	40,992
Current Expenditure on Goods and Services	7,526	8,331	9,302	10,871	13,069	14,528	16,605	18,466
Transfer Payments to Persons	2,967	3,328	3,685	4,562	5,696	6,232	7,099	7,958
Subsidies	187	202	249	493	720	705	709	704
Capital Assistance	66	82	78	71	152	163	157	166
Current Transfers to Non-residents	-	-	-	-	-	-	-	-
Interest on Public Debt	1,619	1,882	2,232	2,631	3,201	3,918	4,484	5,535
Current Transfers to Other Levels of Government ²	3,572	3,981	4,261	5,073	6,341	7,337	7,737	8,163
Savings ⁴	2,474	2,710	3,376	4,074	1,275	1,965	449	-1,212
Surplus or Deficit Saving as above: Add: Capital Consumption Allowance	457	515	587	736	860	960	1,065	1,217
Deduct: Gross Capital Formation	1,303	1,363	1,396	1,796	1,905	1,832	1,902	1,981
Equals: Surplus(+) or Deficit(-)	+ 1,628	+ 1,862	+ 2,567	+ 3,014	+ 230	+ 1,093	-388	-1,976

1) Includes federal, provincial and local levels of government.

2) For an accurate figure for total revenue and expenditure, the current transfers to other levels of government should be subtracted.

3) Includes corporate and government business enterprises.

4) Total revenue less total expenditure.

Source: S.C., *Provincial Economic Accounts*, (13-213).

Table 14.8
Municipal Revenue Fund, Expenditures, by Upper Tier¹, Ontario 1978

	General Government	Protection			Total	Transportation	Environment
		Fire	Police	Other			
\$000's							
Metro							
Metropolitan Toronto	132,231	80,976	171,273	22,790	275,039	391,864	189,322
Regional Governments							
Durham	12,802	7,686	11,467	2,771	21,924	24,975	19,471
Haldimand-Norfolk	3,501	1,235	2,540	828	4,603	9,803	4,533
Halton	8,116	4,568	9,133	2,934	16,635	20,086	15,689
Hamilton-Wentworth	19,217	12,601	24,565	3,488	40,654	44,352	38,953
Niagara	13,865	9,062	17,952	2,060	29,074	36,886	31,693
Ottawa-Carleton	40,697	19,777	26,843	4,161	50,781	99,367	41,491
Peel	15,530	10,921	19,247	4,731	34,899	35,476	34,498
Sudbury	13,207	3,509	7,182	1,009	11,700	19,954	15,579
Waterloo	27,573	10,377	14,398	2,683	27,458	28,174	17,924
York	8,498	3,433	9,104	2,059	14,596	20,078	14,937
Muskoka	1,955	462	-	226	688	6,862	2,521
Oxford	3,161	1,671	2,391	330	4,392	9,242	4,465
Total	168,122	85,302	144,822	27,280	257,404	355,255	241,754
Counties							
Brant	4,183	3,079	4,132	724	7,935	9,869	6,185
Bruce	2,927	691	937	323	1,951	9,013	3,064
Dufferin	1,087	290	667	188	1,145	3,355	974
Elgin	2,552	1,264	1,476	386	3,126	8,400	3,465
Essex	13,189	8,483	15,154	2,079	25,716	30,033	26,195
Frontenac	4,163	3,047	3,215	680	6,942	11,397	6,485
Grey	2,774	1,472	1,383	416	3,271	9,917	3,397
Haliburton	794	175	-	79	254	2,630	233
Hastings	3,272	2,410	3,005	585	6,000	11,682	7,187
Huron	2,557	605	839	375	1,819	8,103	2,666
Kent	5,293	2,116	3,074	763	5,953	11,824	8,048
Lambton	5,037	3,028	3,707	780	7,515	13,643	10,045
Lanark	1,918	745	942	106	1,793	6,104	2,107
Leeds and Grenville	2,713	1,311	1,682	273	3,266	7,746	3,748
Lennox and Addington	1,203	414	226	208	848	3,982	1,242
Middlesex	12,081	8,497	11,663	1,764	21,924	29,583	24,761
Northumberland	2,471	625	1,057	410	2,092	6,841	4,067
Perth	2,503	1,676	1,886	375	3,937	7,347	2,950
Peterborough	4,755	2,706	2,975	584	6,265	10,237	5,712
Prescott and Russell	2,722	532	406	84	1,022	6,193	2,016
Prince Edward	727	259	241	57	557	1,826	690
Renfrew	3,401	1,469	1,509	166	3,144	9,212	3,878
Simcoe	8,879	3,419	4,748	1,269	9,436	18,263	12,107
Stormont, Dundas and Glengarry	3,962	1,686	2,205	442	4,333	12,965	6,094
Victoria	1,593	527	650	246	1,423	5,402	1,838
Wellington	4,327	3,120	3,717	959	7,796	11,975	5,495
Total	101,081	53,646	71,496	14,321	139,463	267,542	154,649
Districts							
Algoma	6,320	3,454	4,665	1,291	9,410	13,212	8,221
Cochrane	4,114	2,190	2,614	589	5,393	9,711	5,905
Kenora	2,177	795	1,075	159	2,029	4,194	3,675
Manitoulin	564	88	-	40	128	1,062	185
Nipissing	3,208	2,172	3,440	228	5,840	7,837	5,325
Parry Sound	1,329	355	223	100	678	3,520	1,608
Rainy River	1,343	405	1,066	42	1,513	2,904	1,458
Sudbury	1,076	205	265	56	526	1,598	994
Thunder Bay	6,466	5,250	6,113	639	12,002	17,518	9,745
Timiskaming	2,140	837	784	120	1,741	5,614	3,136
Total	28,737	15,751	20,245	3,264	39,260	67,170	40,252
Provincial Total	430,175	235,675	407,831	67,657	711,163	1,081,832	625,976

Table 14.8 (cont'd)**Municipal Revenue Fund, Expenditures, by Upper Tier¹, Ontario 1978**

	Health and Social	Culture and Recreation	Planning and Development	Total Own Expenditures	Own in Year Surplus (Deficit)	Upper Tier/ School Board In Year Surplus (Deficit)	In Year Surplus (Deficit)
\$000's							
Metro							
Metropolitan Toronto	209,323	173,519	24,090	1,395,389	6,301	(7,915)	(1,614)
Regional Governments							
Durham	20,555	14,542	4,213	118,482	(63)	(289)	(352)
Haldimand-Norfolk	6,130	2,763	1,256	32,590	(305)	(87)	(392)
Halton	11,211	13,296	1,783	86,815	(1,016)	(30)	(1,046)
Hamilton-Wentworth	37,267	22,599	7,418	210,459	(158)	(765)	(923)
Niagara	27,156	15,529	4,966	159,169	259	277	535
Ottawa-Carleton	48,170	34,036	11,389	325,930	(251)	(161)	(412)
Peel	17,081	22,219	3,794	163,496	(55)	(545)	(601)
Sudbury	12,670	11,822	2,512	87,444	(116)	65	(51)
Waterloo	17,977	16,891	3,442	139,440	1,923	(228)	1,695
York	8,958	11,026	2,263	80,355	999	389	1,388
Muskoka	3,164	1,491	546	17,226	(452)	51	(401)
Oxford	5,038	3,434	1,679	31,410	(352)	(73)	(425)
Total	215,377	169,648	45,261	1,452,816	413	(1,396)	(985)
Counties							
Brant	7,908	5,697	870	42,649	(166)	6	(160)
Bruce	3,671	2,791	873	24,289	320	(27)	293
Dufferin	2,229	996	352	10,137	13	21	34
Elgin	4,922	2,154	1,126	25,744	(1,600)	23	(1,577)
Essex	18,816	13,568	3,425	130,942	742	21	764
Frontenac	9,136	5,579	1,502	45,206	(495)	105	(390)
Grey	4,906	3,383	914	28,062	61	(52)	9
Haliburton	1,066	644	214	5,836	1	(2)	(1)
Hastings	7,519	4,512	1,367	41,541	(47)	(81)	(129)
Huron	4,341	2,181	1,654	23,323	101	(46)	55
Kent	6,331	3,574	2,142	43,165	(169)	36	(133)
Lambton	8,503	6,376	3,681	54,800	(277)	(63)	(340)
Lanark	4,284	1,374	673	18,252	122	(9)	113
Leeds and Grenville	4,862	2,507	894	25,735	340	(21)	319
Lennox and Addington	1,851	1,098	392	10,615	182	(51)	131
Middlesex	19,534	12,300	3,423	123,605	(162)	4	(158)
Northumberland	4,706	1,625	679	22,478	196	13	210
Perth	3,567	2,996	2,022	25,322	(5)	(98)	(103)
Peterborough	6,655	3,825	896	38,345	(703)	3	(699)
Prescott and Russell	4,270	2,088	623	18,933	253	7	260
Prince Edward	906	569	205	5,480	312	(10)	302
Renfrew	7,696	3,605	1,079	32,014	(35)	108	73
Simcoe	9,376	7,833	2,944	68,839	(326)	162	(164)
Stormont, Dundas and Glengarry	6,298	4,825	1,935	40,413	1,001	(29)	972
Victoria	2,548	1,825	562	15,190	360	76	436
Wellington	7,642	6,384	1,298	44,917	119	(33)	87
Total	163,543	104,309	35,745	966,332	138	63	204
Districts							
Algoma	9,394	7,118	2,272	55,945	(616)	-	(615)
Cochrane	8,039	4,373	834	38,367	65	(8)	58
Kenora	4,529	2,129	881	19,614	1,014	(9)	1,005
Manitoulin	925	495	169	3,528	(1)	2	1
Nipissing	5,930	3,871	684	32,695	(45)	20	(25)
Parry Sound	1,983	1,175	157	10,449	326	2	327
Rainy River	2,334	1,631	334	11,519	117	-	117
Sudbury	453	1,209	76	5,932	(99)	28	(71)
Thunder Bay	16,301	13,120	3,248	78,400	(638)	(20)	(658)
Timiskaming	2,797	2,266	977	18,673	118	6	123
Total	52,685	37,387	9,632	275,122	241	21	262
Provincial Total	640,923	484,862	114,728	4,089,658	7,095	(9,228)	(2,133)

1) See definitions for explanation of "upper tier".

Table 14.9
Municipal Revenue Fund, Revenues, by Upper Tier¹, Ontario 1978

	Taxation	Payments In Lieu of Taxes	Ontario Grants	Other	Total Revenue
			\$000's		
Metro Metropolitan Toronto	625,509	64,176	278,975	433,031	1,401,690
Regional Governments					
Durham	55,198	1,859	33,897	27,466	118,420
Haldimand-Norfolk	13,598	585	10,696	7,405	32,285
Halton	45,888	1,386	21,425	17,100	85,799
Hamilton-Wentworth	106,256	4,908	59,983	39,153	210,301
Niagara	77,356	4,740	48,268	29,063	159,427
Ottawa-Carleton	124,393	42,194	78,743	80,350	325,680
Peel	83,636	5,695	34,650	39,459	163,440
Sudbury	33,077	1,358	35,124	17,769	87,328
Waterloo	62,921	2,726	33,192	42,524	141,363
York	38,981	646	21,889	19,838	81,354
Muskoka	6,769	145	6,863	2,997	16,774
Oxford	14,970	352	9,145	6,591	31,058
Total	663,043	66,594	393,875	329,715	1,453,229
Counties					
Brant	18,404	694	13,176	10,210	42,483
Bruce	8,453	376	10,404	5,378	24,610
Dufferin	3,765	185	3,893	2,307	10,150
Elgin	9,670	399	10,062	4,012	24,144
Essex	66,717	3,684	30,539	30,744	131,684
Frontenac	16,357	2,520	15,329	10,504	44,711
Grey	10,743	489	11,661	5,730	28,623
Haliburton	1,977	124	2,868	869	5,837
Hastings	15,425	1,005	16,008	9,055	41,493
Huron	7,998	258	9,513	5,655	23,424
Kent	19,659	599	13,143	9,596	42,996
Lambton	25,282	885	14,197	14,159	54,523
Lanark	5,399	289	8,675	4,011	18,374
Leeds and Grenville	9,687	569	10,233	5,586	26,074
Lennox and Addington	3,497	459	4,285	2,556	10,798
Middlesex	55,664	4,132	37,183	26,464	123,443
Northumberland	7,959	820	8,911	4,984	22,674
Perth	10,844	351	8,272	5,850	25,317
Peterborough	17,213	778	12,133	7,520	37,642
Prescott and Russell	6,599	163	8,377	4,048	19,186
Prince Edward	2,009	104	2,489	1,190	5,793
Renfrew	9,588	1,458	14,275	6,658	31,979
Simcoe	32,233	1,198	20,062	15,020	68,513
Stormont, Dundas and Glengarry	15,154	1,119	16,004	9,138	41,414
Victoria	5,855	268	6,266	3,161	15,550
Wellington	20,068	1,116	14,306	9,546	45,037
Total	406,219	24,042	322,264	213,951	966,472
Districts					
Algoma	19,724	1,123	24,386	10,096	55,329
Cochrane	11,583	780	18,357	7,712	38,432
Kenora	6,547	475	8,027	5,579	20,628
Manitoulin	795	35	1,930	767	3,527
Nipissing	10,568	977	14,536	6,569	32,650
Parry Sound	3,384	69	5,333	1,990	10,775
Rainy River	3,467	164	4,948	3,057	11,636
Sudbury	2,186	62	2,506	1,078	5,833
Thunder Bay	27,611	2,241	33,464	14,447	77,762
Timiskaming	5,189	546	9,683	3,373	18,790
Total	91,054	6,472	123,170	54,668	275,362
Provincial Total	1,785,809	161,280	1,118,286	1,031,365	4,096,753

1) See definitions for explanation of "upper tier".

Table 14.10
Municipal Capital Fund, Ontario, 1968-1978

	General Government	Applications							Transfers		Total Capital Outlay
		Protection	Transportation	Environment	Health and Social	Recreation	Planning	Total Own Applications	Enterprises	Other	
								\$ '000's			
1968	9 280	8 359	191 421	64 365	10 433	23 175	23 901	330 934	37 742	21 500	390 176
1969	16 852	12 720	175 318	50 093	10 832	22 684	29 320	317 819	39 948	13 614	371 381
1970	12 108	11 620	201 789	43 121	11 122	28 852	25 498	340 110	34 099	17 140	391 349
1971	8 790	18 195	248 364	83 815	11 870	41 495	20 829	433 358	37 388	16 479	487 225
1972	23 281	23 126	259 806	80 294	22 715	69 220	22 353	500 795	27 763	21 861	550 419
1973	23 353	22 618	275 659	89 222	12 105	71 643	21 929	516 529	65 990	29 584	612 103
1974	23 816	32 438	343 872	124 720	13 563	120 099	27 035	685 543	50 616	35 941	772 101
1975	46 085	30 861	408 666	250 341	140 816	140 816	68 346	968 326	50 099	- ²	1 018 425
1976	42 376	39 014	399 769	233 654	28 124	124 972	74 387	942 296	91 812	- ²	1 034 108
1977	37 728	38 496	449 572	314 227	42 930	146 677	80 874	1 110 501	- ⁴	- ⁴	1 110 501
1978	61 412	45 879	441 888	355 313	57 753	137 839	95 359	1 195 441	- ⁴	- ⁴	1 189 275

Table 14.10 (cont'd)

	Sources						Total Sources	Debt Incurred		Balance ¹ In Year Accumulated at Year End
	Revenue Fund	Reserves and Reserve Funds	Ontario Grants	Other Sources						
					Government	Public				
					\$ '000's					
1968	57,730	24,516	59,914	32,554	27,802	137,344	339,860	(50,316)	(148,642)	
1969	65,170	30,022	74,821	38,317	30,053	132,789	371,172	(209)	(148,840)	
1970	72,385	30,585	90,148	41,537	30,738	156,782	422,175	30,826	(121,655)	
1971	87,320	46,081	104,977	41,213	50,269	171,286	501,246	13,921	(107,501)	
1972	102,586	49,883	109,970	57,131	49,482	176,241	545,293	(5,126)	(107,708)	
1973	109,694	64,959	126,873	58,126	53,665	201,279	614,596	2,493	(104,728)	
1974	115,626	80,867	171,969	62,223	52,556	167,162	650,402	(121,699)	(222,485)	
1975	148,322	78,219	267,748	86,798	92,330	241,973	915,390	(103,035)	(325,831)	
1976	148,873	93,766	284,161	105,465	93,000 ³	454,072 ³	1,179,337	145,230	(181,568)	
1977	321,096		316,957	144,323		463,669	1,246,034	135,534	(77,451) ³	
1978	364,566		300,986	154,000		266,536	1,079,995	(109,280)	(182,897)	

¹ Unexpected financing is shown without brackets; unfinanced expenditures are shown in brackets.

² Transfers to local boards included in "functional" classification.

³ Breakdown is estimated.

⁴ Now reported by a municipality as gross expenditures under the appropriate function (transfer to) reported as "other revenues" (transfer from).

⁵ Accumulated balance is higher than indicated from 1976 figures due to the consolidation of local boards and municipal enterprises, particularly water and transit systems.

Table 14.11
Municipal Capital Fund, by Upper Tier¹, Ontario, 1978

	Total Capital Outlay	Sources Total	Balance ²	
			In Year	Accumulated At Year End
			\$'000's	
Metro				
Metropolitan Toronto	315,498	257,670	(57,828)	(43,860)
Regional Governments				
Durham	48,028	48,858	830	(11,360)
Haldimand-Norfolk	9,695	9,580	(115)	(522)
Halton	42,901	37,681	(5,220)	(14,388)
Hamilton-Wentworth	47,275	38,290	(8,985)	14,195
Niagara	40,554	36,629	(3,925)	(8,304)
Ottawa-Carleton	109,227	68,619	(40,608)	(31,954)
Peel	61,866	77,291	15,425	14,688
Sudbury	20,474	16,310	(4,164)	(8,436)
Waterloo	34,694	35,644	949	981
York	32,499	32,023	(477)	(7,332)
Muskoka	5,991	6,292	301	(1,111)
Oxford	15,313	15,667	354	(5,236)
Counties				
Brant	14,255	8,181	(6,073)	(3,798)
Bruce	7,777	7,245	(532)	(2,944)
Dufferin	2,077	1,922	(155)	(318)
Elgin	5,855	6,119	265	(1,285)
Essex	39,315	33,739	(5,575)	(2,807)
Frontenac	9,567	11,563	1,996	(3,766)
Grey	7,887	6,489	(1,398)	(3,316)
Haliburton	2,167	2,331	165	(180)
Hastings	10,927	13,181	2,254	(1,794)
Huron	10,931	10,962	31	(1,534)
Kent	16,339	15,686	(654)	(6,259)
Lambton	21,310	20,448	(862)	(5,182)
Lanark	4,702	4,734	32	(843)
Leeds and Grenville	9,376	7,783	(1,594)	(2,804)

Table 14.11 (cont'd)**Municipal Capital Fund, by Upper Tier¹, Ontario, 1978**

			Balance ²	
	Total Capital Outlay	Sources		Accumulated
		Total	In Year	At Year End
			\$'000's	
Counties (cont'd)				
Lennox and Addington	2,456	2,101	(355)	(686)
Middlesex	29,783	31,992	2,208	5,530
Northumberland	8,254	7,999	(255)	(1,661)
Perth	9,768	9,624	(144)	(965)
Peterborough	10,486	9,798	(688)	(2,558)
Prescott and Russell	8,040	8,244	204	(1,917)
Prince Edward	910	943	34	-
Renfrew	7,937	8,797	859	(2,190)
Simcoe	21,320	21,762	442	(5,438)
Stormont, Dundas and Glengarry	23,149	22,505	(644)	(12,278)
Victoria	4,653	6,113	1,459	97
Wellington	12,301	13,152	851	(3,198)
Districts				
Algoma	20,118	19,913	(205)	(4,229)
Cochrane	15,105	12,250	(2,855)	(2,346)
Kenora	8,803	8,593	(209)	(494)
Manitoulin	2,657	2,498	(159)	(151)
Nipissing	6,251	9,516	3,264	(4,349)
Parry Sound	3,992	3,724	(267)	(321)
Rainy River	3,133	3,143	10	(313)
Sudbury	2,485	2,890	405	(878)
Thunder Bay	33,366	35,502	2,136	(4,697)
Timiskaming	7,807	7,999	192	(386)
Provincial Total	1,189,275	1,079,995	(109,280)	(182,897)

1) See definitions for explanation of "upper tier".

2) Unexpected financing is shown without brackets; unfinanced expenditures are shown in brackets.

Source: Ministry of Intergovernmental Affairs, Municipal Budgets and Accounts Branch.

Table 14.12
Federal and Provincial Bond¹ Issues and Retirements, Canada, 1968-1979

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978 ¹	1979
	\$ Million Canadian - par value											
Government of Canada direct and guaranteed bonds												
Gross new issues delivered												
Canadian dollars	6,329	6,424	4,359	5,208	3,470	3,138	9,057	6,129	6,137	8,562	13,244	14,008
Other currencies	268	16	-	-	-	-	-	-	-	-	2,316	728
Total	6,597	6,440	4,359	5,208	3,470	3,138	9,057	6,129	6,137	8,562	15,560	14,736
Retirements												
Canadian dollars	5,420	6,169	3,135	2,864	2,200	3,725	5,740	2,695	3,547	3,024	7,899	8,484
Other currencies	2	2	110	2	2	90	45	37	2	2	2	2
Total	5,422	6,170	3,245	2,866	2,201	3,815	5,785	2,732	3,549	3,026	7,901	8,486
Net new issues												
Canadian dollars	909	255	1,224	2,344	1,270	-588	3,317	3,434	2,590	5,538	5,345	5,524
Other currencies	266	14	-110	-2	-2	-90	-45	-37	-2	-2	2,315	726
Total	1,175	269	1,114	2,342	1,269	-677	3,272	3,397	2,588	5,536	7,660	6,250
Provincial direct and guaranteed bonds												
Gross new issues delivered												
Canadian dollars	1,730	1,619	2,230	2,616	2,717	2,742	3,235 ¹	4,718 ¹	5,409	5,443 ¹	6,180	5,770
Other currencies	892	1,074	574	750	1,099	830	1,669	3,302	4,676	3,010	2,168	2,019
Total	2,623	2,693	2,804	3,366	3,816	3,572	4,903 ¹	8,020 ¹	10,085 ¹	8,453 ¹	8,348	7,790
Retirements												
Canadian dollars	616	642	537	369 ¹	598 ¹	656 ¹	897 ¹	803	745 ¹	894 ¹	866	1,003
Other currencies	63	97	189	349	252	304	162	409	301	444 ¹	518	619
Total	679	739	725	718 ¹	850 ¹	960 ¹	1,079 ¹	1,212	1,046 ¹	1,338 ¹	1,384	1,622
Net new issues												
Canadian dollars	1,114	977	1,694	2,247 ¹	2,119 ¹	2,086 ¹	2,337 ¹	3,915 ¹	4,664 ¹	4,549 ¹	5,314	4,768
Other currencies	830	977	385	400	847	526	1,487	2,893 ¹	4,375 ¹	2,566 ¹	1,650	1,400
Total	1,944	1,953	2,079	2,647 ¹	2,966 ¹	2,612 ¹	3,824 ¹	6,808 ¹	9,039 ¹	7,115 ¹	6,964	6,168

¹ Includes non-marketable bonds

Source: Bank of Canada Review.

Table 14.13
Marketable Bond Issues¹ and Retirements², Ontario, 1975-1979

Years and Quarters	Canada						Foreign ³									
	Direct			Total			U.S.		Other Curr.		Total		Direct		Guaranteed	
	Gross	Net	Gross	Gross	Net	Gross	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net
	\$ Million Canadian par value															
1975	300	167	450	337	750	504	809	695	340	304	1,150	999	809	663	341	336
1976	150	119	600	390	750	509	640	609	247	239	886	847	-	-35	887	883
1977	-	-62	750	544	750	482	521	460	131	116	652	576	521	456	131	120
1978	-	-32	800	616	800	584	792	709	140	65	932	774	792	705	140	69
1979	-	-113	600	468	600	355	702	696	-	-11	702	685	702	696	-	-11
1975	I	-	108	225	184	225	76	223	157	-	223	125	223	126	-	-
	II	-	-	100	100	100	100	282	282	-	282	282	282	282	-	-
	III	150	125	-	30	150	95	-	152	147	152	147	-	-1	152	148
	IV	150	150	125	83	275	233	304	257	189	492	446	304	257	189	188
1976	I	150	148	150	107	300	255	543	76	72	619	615	-	-4	619	619
	II	-	-	150	135	150	135	62	74	73	135	135	-	-	135	135
	III	-	-2	150	58	150	57	35	97	93	133	129	-	-	133	128
	IV	-	-28	150	91	150	63	-	-31	-	-	-31	-	-31	-	150
1977	I	-	-2	400	335	400	334	306	306	-	306	298	306	302	-	-4
	II	-	-	200	106	200	106	-	131	130	131	130	-	-	131	130
	III	-	-	-	-28	-	-28	215	-	-4	215	210	215	214	-	215
	IV	-	-61	150	131	150	70	-	-59	-3	-	-62	-	-60	-	150
1978	I	-	-	200	131	200	131	275	275	-	275	267	275	271	-	-4
	II	-	-32	400	334	400	362	224	140	138	364	362	224	224	140	138
	III	-	-	200	166	200	166	-	-	-4	-	-4	-	-	-	-4
	IV	-	-	-	-75	-	-75	293	210	-	293	149	293	210	-	-61
1979	I	-	-54	-	-24	-	-78	352	348	-	352	344	352	348	-	-4
	II	-	-	600	565	600	565	-	-	-	-	-	-	-	-	600
	III	-	-28	-	-24	-	-52	350	349	-	350	345	350	349	-	-4
	IV	-	-31	-	-49	-	-80	-	-1	-	-	-4	-	-1	-	-3

1) Marketable bonds are negotiable bonds placed with investment dealers.

2) Retirements equal "gross" minus "net" issues.

3) Gross issues and retirements of Foreign Currency Issues are calculated at the rate of exchange in force at the time when the proceeds were received.

Source: Public Accounts and Finance Management Branch, Debt Model System.

Table 14.14
Official International Reserves, Canada, 1953-1979¹

End of Period	Convertible Foreign Currencies			Special Drawing Rights	Reserve position in the International Monetary Fund	Total	Total in Millions of SDR's
	U.S. Dollars	Other	Gold				
\$ Million U.S.							
1953	839.2	-	986.1	...	75.0	1,900.3	...
1954	877.5	-	1,072.1	...	75.0	2,025.2	...
1955	775.3	-	1,133.9	...	75.0	1,984.2	...
1956	842.0	-	1,103.3	...	90.0	2,035.3	...
1957	738.2	-	1,100.3	...	90.0	1,928.5	...
1958	869.2	-	1,078.1	...	90.0	2,037.3	...
1959	917.7	-	959.6	...	152.5	2,029.8	...
1960	953.0	-	885.3	...	152.5	1,990.8	...
1961	1,123.0	10.7	946.2	...	212.1	2,292.0	...
1962	1,842.8	9.2	708.5	...	-	2,560.5	...
1963	1,786.6	9.5	817.2	...	-	2,613.3	...
1964	1,654.5	11.8	1,025.7	...	197.5	2,889.5	...
1965	1,519.9	12.8	1,150.8	...	353.4	3,036.9	...
1966	1,195.4	12.4	1,045.6	...	448.5	2,701.9	...
1967	1,255.2	13.4	1,014.9	...	433.4	2,716.9	...
1968	1,964.9	11.6	863.1	...	206.2	3,045.8	...
1969	1,743.6	12.3	872.3	...	478.1	3,106.3	...
1970	3,022.1	14.5	790.7	182.1	669.6	4,679.0	4,679.0
1971	4,060.6	13.6	791.8	371.9	332.6	5,570.4	5,570.4
1972	4,355.0	12.6	834.1	505.2	342.9	6,049.9	5,572.3
1973	3,927.2	12.2	926.9	563.7	338.2	5,768.2	4,781.5
1974	3,767.7	12.9	940.7	574.3	529.7	5,825.3	4,757.9
1975	3,207.1	15.7	899.4	555.4	648.0	5,325.6	4,549.3
1976	3,446.3	15.8	879.0	557.8	944.5	5,843.4	5,029.2
1977	2,298.7	15.8	935.6	505.3	852.1	4,607.5	3,793.1
1978	2,459.5	18.4	1,009.1	522.4	556.8	4,566.2	3,504.9
1979	1,863.9	23.9	1,022.6	585.9	390.6	3,886.9	2,950.6

¹ Prior to May, 1972, SDR's, gold and Canada's reserve position in the IMF were valued on the basis of gold at U.S. \$35 per fine ounce. They were revalued to U.S. \$38 in May, 1972 and to U.S. \$42.2222 in October, 1973. Beginning in July, 1974, these assets are valued on the basis of the month-end value of the SDR in terms of the U.S. dollar as determined by the IMF.

Source: Department of Finance.
 Bank of Canada, *Bank of Canada Review*.

Table 14.15Chartered Banks Selected Assets in Canadian Currency, Ontario, Quarterly, 1972-1979¹

	Total Personal Loans	Loans to Farmers	Business Loans under Authorized Limits of:		Loans to Provinces and Municipal- ities	Provin- cial and Municipal Securi- ties	Mort- gages Insured under NHA	Other Residen- tial Mortgages	Total Bank Assets
			\$200,000	\$5 Million or more					
\$Million									
1972									
1st Quarter	2,363	416	783	..	274	455	769	239	..
2nd Quarter	2,574	450	849	..	268	438	828	277	..
3rd Quarter	2,655	476	906	..	139	402	927	325	..
4th Quarter	2,789	505	864	..	135	426	1,002	352	..
1973									
1st Quarter	2,899	483	950	..	262	420	1,072	388	..
2nd Quarter	3,190	531	1,004	..	204	440	1,105	436	..
3rd Quarter	3,310	574	995	..	140	420	1,065	523	..
4th Quarter	3,413	630	976	..	145	450	1,092	603	..
1974									
1st Quarter	3,539	584	1,029	..	257	447	1,105	699	..
2nd Quarter	3,835	610	1,096	2,943	161	418	1,179	848	25,072
3rd Quarter	4,066	655	1,629	3,052	174	426	1,228	950	26,206
4th Quarter	4,694	689	1,562	3,359	200	451	1,288	1,054	28,199
1975									
1st Quarter	4,740	644	1,646	3,212	326	525	1,300	1,103	28,080
2nd Quarter	4,956	697	1,772	3,403	227	562	1,387	1,227	29,325
3rd Quarter	5,120	749	1,724	3,465	170	520	1,505	1,321	29,412
4th Quarter	5,541	807	1,708	3,663	263	548	1,625	1,318	31,515
1976									
1st Quarter	5,591	775	1,927	4,104	440	564	1,674	1,326	32,057
2nd Quarter	5,940	848	2,028	3,907	201	540	1,728	1,313	33,668
3rd Quarter	5,901	911	2,059	4,112	123	485	1,848	1,341	33,659
4th Quarter	6,607	963	2,197	4,247	160	483	2,014	1,363	33,525
1977									
1st Quarter	6,949	952	2,337	4,530	398	429	2,113	1,403	37,039
2nd Quarter	7,225	1,082	2,424	4,454	156	398	2,270	1,539	39,042
3rd Quarter	7,385	1,153	2,511	4,736	103	369	2,527	1,616	40,868
4th Quarter	7,766	1,177	2,562	4,432	145	373	2,784	1,626	42,724
1978									
1st Quarter	7,678	1,147	2,600	4,268	387	356	2,921	1,661	43,552
2nd Quarter	8,036	1,302	2,703	4,311	157	363	3,118	1,791	45,817
3rd Quarter	8,275	1,430	2,677	4,475	135	366	3,392	2,017	47,336
4th Quarter	8,606	1,527	2,792	4,567	177	326	3,638	2,235	51,422
1979									
1st Quarter	8,626	1,510	2,986	5,083	447	343	3,714	2,292	52,769
2nd Quarter	9,023	1,725	2,955	5,808	158	301	3,823	2,528	56,045
3rd Quarter	9,305	1,851	2,662	6,036	140	283	4,035	2,692	57,661
4th Quarter	9,692	1,932	3,056	7,265	164	252	4,028	2,728	61,020

¹⁾ End of period.Source: Bank of Canada, *Bank of Canada Review*.

Table 14.16
Cheques Cashied Against Individual Accounts, by Selected City, Canada and Ontario, 1960–1979

	Canada	Ontario	Brantford	Chatham	Cornwall	Guelph	Hamilton	Kingston	Kitchener	London	Niagara Falls
						\$'000's					
1960	277,810,037	130,109,053	688,254	655,467	406,526	439,128	5,730,223	520,401	1,268,458	3,438,475	524,104
1961	302,741,442	139,993,124	693,833	654,195	455,088	464,919	5,988,206	561,700	1,321,571	3,728,758	520,090
1962	335,798,492	156,038,681	791,851	665,473	476,467	514,090	6,709,167	627,367	1,580,719	4,184,759	583,748
1963	371,824,999	169,338,480	855,872	756,246	519,027	580,360	7,429,937	709,932	1,796,074	4,759,177	614,568
1964	430,263,557	199,554,242	921,946	868,547	609,142	637,584	8,570,766	809,636	2,006,150	5,763,605	686,661
1965	491,027,941	229,053,833	1,037,147	932,891	684,950	746,659	9,968,268	940,493	2,322,531	7,062,318	862,986
1966	537,826,117	244,285,748	1,229,858	997,126	864,691	810,868	10,734,804	1,019,805	2,764,606	7,234,046	951,241
1967	585,081,687	267,031,237	1,538,214	1,153,382	854,930	972,781	10,882,411	1,104,544	2,871,119	7,866,449	956,857
1968	636,698,635	297,010,095	1,453,105	1,307,569	883,954	1,081,339	12,293,037	1,253,610	3,279,098	8,488,986	970,326
1969	735,404,385	359,525,489	1,569,803	1,403,253	1,064,134	1,192,692	14,877,229	1,448,269	4,107,962	9,540,367	1,056,634
1970	817,910,483	414,779,688	1,785,387	1,560,325	999,264	1,199,477	15,484,281	1,496,145	4,237,706	10,272,665	1,107,274
1971	919,462,343	478,184,724	1,734,427	2,429,682	1,093,852	1,344,384	16,928,597	1,683,604	4,626,746	11,671,346	1,111,849
1972	1,065,933,245	558,772,881	1,966,049	3,235,953	1,177,124	1,627,043	17,335,918	1,818,886	5,192,030	13,765,435	1,221,412
1973	1,369,885,495	743,978,034	2,572,036	3,190,927	1,236,573	2,079,556	21,948,165	2,169,193	6,447,658	16,887,429	1,522,608
1974	1,698,779,734	868,740,794	3,170,916	4,740,885	1,627,532	2,793,019	27,388,829	2,866,718	7,875,556	21,301,385	1,706,643
1975	2,138,527,425	1,113,864,354	3,547,314	5,943,811	1,521,999	2,748,055	32,453,937	3,288,570	9,082,502	24,939,943	1,596,864
1976	2,469,599,223	1,248,446,278	4,364,017	7,541,476	1,790,783	3,203,187	34,498,706	3,590,246	9,892,778	27,301,658	2,163,060
1977	2,718,308,268	1,388,567,929	4,553,957	6,647,119	1,856,896	3,315,116	35,894,556	3,599,949	9,654,646	29,287,012	2,420,402
1978	3,138,384,560	1,731,966,943	5,090,393	7,291,827	2,129,892	3,751,238	40,076,581	3,993,812	10,730,266	27,574,050	2,605,235
1979	4,018,229,803	2,400,375,966	4,945,878	11,086,964	2,326,119	4,627,782	50,395,139	3,720,686	12,293,721	31,471,822	3,038,255

Table 14.16 (cont'd)
Cheques Cashied Against Individual Accounts, by Selected City, Canada and Ontario, 1960–1979

	Oshawa	Ottawa ²	Peter- borough	St. Catharines	Sarnia	Sault Ste. Marie	Sudbury	Thunder Bay ¹	Timmins	Toronto	Windsor
1960	2,403,255	5,428,618	588,320	861,905	631,965	\$ '000's 849,716	650,352	...	191,111	101,652,499	2,344,058
1961	2,866,512	5,923,469	566,260	959,735	701,576	820,240	711,292	...	203,137	109,570,868	2,399,362
1962	3,594,666	6,765,125	615,616	1,089,736	761,867	904,898	792,746	...	227,646	121,733,430	2,517,840
1963	4,273,812	7,472,755	696,514	1,162,836	745,363	993,783	812,918	...	236,354	130,999,231	2,939,769
1964	4,818,992	8,601,107	850,500	1,504,844	760,770	1,019,060	838,983	...	272,200	155,418,798	3,531,255
1965	5,750,542	8,687,423	927,069	1,796,657	888,766	1,058,707	973,684	...	287,949	178,642,251	4,234,667
1966	5,933,947	9,624,047	1,071,951	2,020,306	1,094,866	1,149,027	1,095,945	...	388,007	188,901,897	5,038,315
1967	5,914,578	12,363,375	1,217,405	2,123,929	1,253,850	1,178,571	1,274,936	...	349,735	205,975,596	5,722,255
1968	6,550,238	13,090,133	1,209,206	2,261,310	1,427,132	1,242,601	1,477,068	...	370,924	230,701,009	6,235,946
1969	7,146,531	14,705,592	1,230,405	2,421,445	1,559,025	1,228,557	1,698,729	...	435,559	284,035,312	7,120,960
1970	5,746,732	15,386,126	1,266,631	2,262,528	1,538,798	2,440,059	1,937,429	1,888,555	447,868	336,567,159	7,155,279
1971	8,651,600	18,309,177	1,339,532	2,524,045	1,651,158	3,139,508	2,239,210	2,359,606	499,787	387,036,643	7,809,971
1972	8,694,246	20,365,185	1,447,390	2,719,899	1,723,631	1,925,422	2,337,870	2,442,856	547,931	460,485,009	8,743,592
1973	11,518,022	23,108,386	1,692,647	3,154,779	2,015,778	6,091,621	2,475,438	2,807,134	622,591	621,392,070	11,045,423
1974	14,689,196	27,971,471	2,072,940	3,778,119	2,622,763	5,008,439	2,643,897	3,435,648	929,905	719,525,626	12,791,307
1975	17,164,346	32,676,364	2,362,713	4,444,613	3,226,521	7,213,588	3,205,476	3,966,255	1,229,403	938,561,392	14,690,688
1976	19,006,928	39,130,494	2,783,144	8,842,139	4,169,187	13,589,043	3,399,214	4,741,570	1,446,615	1,040,413,731	16,578,302
1977	19,635,233	46,651,477	2,942,556	7,294,795	5,441,980	15,440,821	3,763,072	5,359,243	1,615,077	1,166,699,971	16,493,951
1978	18,414,117	50,836,016	3,395,659	7,129,914	6,760,246	6,214,573	3,801,690	6,192,851	1,557,349	1,506,364,977	18,056,257
1979	21,010,640	58,811,803	3,525,738	9,481,097	8,272,609	4,691,641	4,017,332	6,982,617	1,685,252	2,136,747,736	21,243,135

1) Fort William merged with Port Arthur in 1970 to form the Thunder Bay Clearing Centre

2) Ottawa figures exclude some items shown in previous years.

Source: Statistics Canada, *Cheques Cashied*, (61-001).

Table 14.17
Consumer Credit: Outstanding Balances of Selected Holders, Canada, 1968-1979

End of Period	Reported Monthly						Reported Quarterly		
	Chartered Bank Ordinary Personal Loans	Sales Finance and Consumer Loan Companies	Life Insurance Company Policy Loans	Québec Savings Banks (Unsecured Personal Loans)	Department Stores	Trust and Mortgage Loan Companies	Total	Credit Unions and Caisse Populaires	Total ^f
	\$ Million								
1968 ^f	3,673	2,637	553	21	644	..	7,528	1,247	8,775
1969 ^f	4,157	3,046	660	24	705	..	8,592	1,401	9,993
1970 ^f	4,663	2,851	759	22	720	..	9,015	1,493	10,508
1971 ^f	5,777	2,366	784	25	754	..	9,706	1,690	11,396
1972	7,144	2,646	813	30	823	46	11,502	2,000	13,502
1973 ^f	8,878	2,912	884	36	961	82	13,753	2,420	16,173
1974 ^f	10,817	3,118	1,066	44	1,126	145	16,315	2,762	19,077
1975 ^f	13,149	3,054	1,149	58	1,232	199	18,843	3,243	22,085
1976 ^f	16,114	3,014	1,232	72	1,314	287	22,032	3,884	25,916
1977 ^f	18,634	2,937	1,291	87	1,381	368	24,697	4,512	29,209
1978 ^f	21,575	3,073	1,367	104	1,519	650	28,288	5,490	33,779
1979	25,081	3,072	1,550	142	1,591	981	32,417	..	..
1979									
J	21,668	3,050	1,378	105	1,413	651	28,265	..	..
F	21,773	3,049	1,393	108	1,349	673	28,344	..	..
M	22,131	3,061	1,406	113	1,330	724	28,766	5,671	34,437
A	22,616	3,069	1,417	119	1,326	725	29,272	..	..
M	23,199	3,086	1,426	125	1,322	756	29,913	..	..
J	23,811	3,076	1,434	128	1,307	873	30,629	6,085	36,714
J	24,214	3,061	1,441	133	1,290	892	31,031	..	..
A	24,569	3,028	1,451	136	1,304	897	31,385	..	..
S	24,899	2,997	1,463	139	1,347	907	31,751	6,192	37,943
O	25,148	3,012	1,488	141	1,383	920	32,092	..	..
N	25,103	3,034	1,524	141	1,429	939	32,169	..	..
D	25,081	3,072	1,550	142	1,591	981	32,417	..	..

Source: Bank of Canada, *Bank of Canada Review*.

Table 14.18Toronto Stock Exchange – TSE 300 Composite Stock Price Index ^{1,2}, 1958–1979

	High	Low	Close
1958	547.72	444.10	547.72
1959	598.96	538.37	555.09
1960	544.74	494.06	544.74
1961	700.85	575.60	700.85
1962	686.81	571.84	628.99
1963	702.71	638.45	702.71
1964	853.53	715.36	853.53
1965	911.26	838.42	881.14
1966	917.75	761.11	789.51
1967	922.50	843.44	899.20
1968	1062.88	814.79	1062.88
1969	1131.04	950.75	1019.77
1970	1006.40	810.78	947.54
1971	1036.09	879.80	990.54
1972	1226.58	1004.60	1226.58
1973	1329.28 ¹	1122.34	1193.56 ¹
1974	1276.81	821.10	844.48 ¹
1975	1081.96	862.74	953.54
1976	1106.17	920.15	1011.52
1977	1068.53	957.58	1059.59
1978	1336.34	996.88	1309.99
1979	1813.48	1310.31	1813.17
1980 ³	2202.62	1670.89	1797.58

1) Base year, 1975 = 1000.

2) This table presents the new index system introduced by the Toronto Stock Exchange, January 3, 1977.

3) To March 31, 1980.

Source: Toronto Stock Exchange, Index Department

Table 14.19

Number of Active Corporations, Ontario, 1956 to 1978-79

Year	Number	Per Cent Change	Year	Number	Per Cent Change
	'000's			000's	
1956	38	...	1970	113	7.6
1957	43	13.2	1971	119	5.3
1958	47	9.3	1971-72 ¹	124.0	...
1959	53	12.8	1972-73 ¹	133.7	7.8
1960	59	11.3	1973-74 ¹	145.5	8.8
1961	63	6.8	1974-75 ¹	160.6	10.4
1962	67	6.3	1975-76 ¹	173.9	8.3
1963	72	7.5	1976-77 ¹	196.4	12.9
1964	76	5.6	1977-78 ¹	218.9	11.5
1965	81	6.6	1978-79 ¹	243.5	11.2
1966	87	7.4	1979-80	259.5	6.6
1967	93	6.9			
1968	98	5.4			
1969	105	7.1			

1) Fiscal year ending March 31.

Source: Ministry of Consumer and Commercial Relations.

Table 14.20
New Corporations¹, Ontario, 1951 to 1979-80²

	Corporations Incorporated Outside Ontario							
	Corporations Incorporated In Ontario		Corporations Holding Licence In Mortmain		Corporations with an Extra-Provincial Licence		Total	
	Number	Per Cent Change	Number	Per Cent Change	Number	Per Cent Change	Number	Per Cent Change
1951	1,779	...	146	...	62	...	1,987	...
1952	1,772	-0.4	164	12.3	69	11.3	2,005	0.9
1953	2,113	19.2	149	-9.1	99	43.5	2,361	17.8
1954	3,613	71.0	181	21.5	86	-13.1	3,880	64.3
1955	3,811	5.5	249	37.6	110	27.9	4,170	7.5
1956	4,788	25.6	222	-10.8	149	35.5	5,159	23.7
1957	5,219	9.0	232	4.5	128	-14.1	5,579	8.1
1958	4,368	-16.3	203	-12.5	137	7.0	4,708	-15.6
1959	5,916	35.4	175	-13.8	150	9.5	6,241	32.6
1960	6,417	8.5	238	36.0	160	6.7	6,815	9.2
1961	5,736	-10.6	198	-16.8	166	3.8	6,100	-10.5
1962	6,019	4.9	206	4.0	141	-15.1	6,366	4.4
1963	5,903	-1.9	199	-3.4	171	21.3	6,273	-1.5
1964	6,229	5.5	204	2.5	172	0.6	6,605	5.3
1965	7,276	16.8	223	9.3	177	2.9	7,676	16.2
1966	7,309	0.5	244	9.4	193	9.0	7,746	0.9
1967	7,425	1.6	217	-11.1	173	-10.4	7,815	0.9
1968	7,699	3.7	202	-6.9	185	6.9	8,086	3.5
1969	9,593	24.6	249	23.3	212	14.6	10,054	24.3
1970	8,091	-15.7	290	16.5	273	28.8	8,654	-13.9
1971	9,152	13.1	212	-26.9	266	-2.6	9,630	11.3
1971-72	11,030	...	231	...	263	...	11,524	...
1972-73	12,489	13.2	222	-3.9	285	8.4	12,996	12.8
1973-74	15,634	25.2	280	26.1	268	-6.0	16,182	24.5
1974-75	16,657	6.5	250	-10.7	239	-10.8	17,146	6.0
1975-76	18,703	12.3	208	-16.8	259	8.4	19,170	11.8
1976-77	20,851	10.3	236	13.5	191	26.3	21,278	11.0
1977-78	22,235	6.6	319	35.2	204	6.8	22,758	7.0
1978-79	28,408	27.8	150	-53.0	200	-2.0	28,758	26.4
1979-80	27,969	-1.5	189	26.0	228	14.0	28,386	-1.3

1) Figures for corporations which are not required to hold a licence in Ontario are not included.

2) Fiscal year ending March 31, beginning 1971-72.

Source: Ministry of Consumer and Commercial Relations

Table 14.21
Business Bankruptcies¹ by Industry and Region², Canada 1977-1979

	Canada		Ontario		Atlantic		Quebec		Prairies		Pacific	
	Number	Liabilities \$'000'	Number	Liabilities \$'000'	Number	Liabilities \$'000'	Number	Liabilities \$'000'	Number	Liabilities \$'000'	Number	Liabilities \$'000'
1977												
Primary Industries	96	13,091	53	7,632	-	-	19	1,682	14	2,322	10	1,455
Manufacturing Industries	279	30,151	126	13,233	11	1,041	93	9,623	24	2,110	25	4,144
Construction Industries	598	56,964	291	30,028	5	1,300	133	11,456	65	3,422	104	10,758
Transportation, Communications and Other Utilities	166	8,633	115	5,691	-	-	15	1,447	29	1,343	7	152
Trade	1,624	119,328	685	44,200	19	3,643	685	55,707	117	8,285	118	7,493
Finance, Insurance and Real Estate	77	19,475	30	2,210	1	180	23	11,094	8	1,139	15	4,852
Services	1,065	60,022	460	32,505	18	1,400	452	16,996	63	3,918	72	5,203
Total	3,905	307,664	1,760	135,499	54	7,564	1,420	108,005	320	22,539	351	34,057
1978												
Primary Industries	145	15,375	71	7,313	7	182	27	3,467	22	1,951	18	2,463
Manufacturing Industries	392	64,051	165	20,283	11	1,320	145	35,150	34	3,745	37	3,553
Construction Industries	981	131,892	387	44,101	19	3,059	230	31,181	115	29,630	230	23,921
Transportation, Communications and Other Utilities	284	14,349	142	6,220	24	395	50	3,371	40	2,505	28	1,859
Trade	1,871	164,492	706	52,905	58	11,385	779	63,549	135	21,680	193	14,974
Finance Insurance and Real Estate	133	26,598	34	7,850	4	246	27	2,488	9	1,116	59	14,898
Services	1,705	188,571	619	50,870	52	5,769	789	103,857	126	13,577	119	8,498
Total	5,511	605,327	2,124	189,541	175	22,356	2,047	249,063	481	74,203	684	70,164
1979												
Primary Industries	200	21,129	81	8,510	6	750	30	3,612	37	3,162	46	5,096
Manufacturing Industries	534	66,524	190	18,435	8	895	247	38,617	31	2,987	58	5,590
Construction Industries	1,145	122,477	475	46,992	18	2,906	343	43,813	160	17,423	149	11,345
Transportation, Communications and Other Utilities	343	20,306	136	5,886	5	337	80	6,977	51	2,931	71	4,177
Trade	1,882	160,345	706	53,735	45	9,965	724	67,189	192	14,816	215	14,641
Finance, Insurance and Real Estate	203	52,353	84	16,447	1	1,500	61	13,873	18	11,583	39	8,951
Services	1,341	130,596	551	45,221	34	4,312	554	63,820	86	8,700	116	8,543
Total	5,648	573,730	2,223	195,224	117	20,664	2,039	237,900	575	61,600	694	58,342

1) Excludes Small Debtor Program Bankruptcies.

2) Atlantic comprises Newfoundland, P.E.I., Nova Scotia and New Brunswick. Prairies comprise Manitoba, Saskatchewan, Alberta and N.W.T., Pacific comprises British Columbia and Yukon.

Trade

Highlights

- **Foreign Trade** — Of the \$35.6 billion of imports entering Ontario in 1979, \$23.9 billion, or 67.3 per cent, consisted of inedible end products. Of Canada's \$65.5 billion worth of exports (including re-exports) in the same year \$26.8 billion, or 41.0 per cent, originated in Ontario.

Of Ontario's 1979 exports \$16.7 billion, or 62.1 per cent, consisted of inedible end products and 28.3 per cent was fabricated materials. For the 1979 Canada total, inedible end products accounted for 33.5 per cent while fabricated materials accounted for 37.4 per cent.

From 1978 to 1979, domestic exports for Canada increased by 12.5 billion, or 24.1 per cent, to \$64.2 billion. Of the 1979 Canadian export total, 67.7 per cent went to the United States. Canadian imports rose by 26.2 per cent from 1978 to 1979 to reach a total of \$62.7 billion; of this total, 72.4 per cent came from the United States.

Canada's merchandise balance, after adjustment for balance of payments purposes, amounted to +\$4.0 billion in 1979, the comparable total for 1978 being +\$3.4 billion. Canada's total current account balance stood at -\$5.0 billion in 1979.

- **Domestic Trade** — Ontario's retail trade sales in 1979 increased by 9.7 per cent over the previous year to reach a total of \$27.6 billion. This figure represents 35.9 per cent of the Canadian total of \$77.0 billion, Québec's sales representing 25.4 per cent, and British Columbia's sales 11.9 per cent. Of Ontario's total in 1979, grocery and combination stores accounted for 24.3 per cent, motor vehicle dealers for 18.5 per cent, service stations and garages for 8.7 per cent and department stores for 11.2 per cent.

Definitions

Retail Trade — Defined as the aggregate sales made through retail outlets which are business locations engaged primarily in selling merchandise for household or personal consumption. The retail trade estimates do not include any form of direct selling which by-passes the retail outlet.

Combination Stores — Grocery and combination stores selling 20 per cent or more fresh meat.

Motor Vehicle Dealers — Consist of dealers selling new and used cars or only new cars, but not dealers selling used cars only.

Department Stores — Must sell at least 6 commodity lines in the family clothing and apparel group with at least one line being men's and boys' clothing or furnishings and with at least 20 per cent of sales from this group, at least 4 commodity lines in the furniture, appliances and home furnishings group with at least one of these lines being furniture and with a minimum of 10 per cent of sales from this group, and at least 3 different commodity lines from all other groups with at least 10 per cent of sales derived therefrom. No one of these lines may account for more than 50 per cent of total store sales.

Domestic Exports — Include both goods which are wholly produced in Canada and goods previously included in import statistics which have since been changed in form by further processing and then exported.

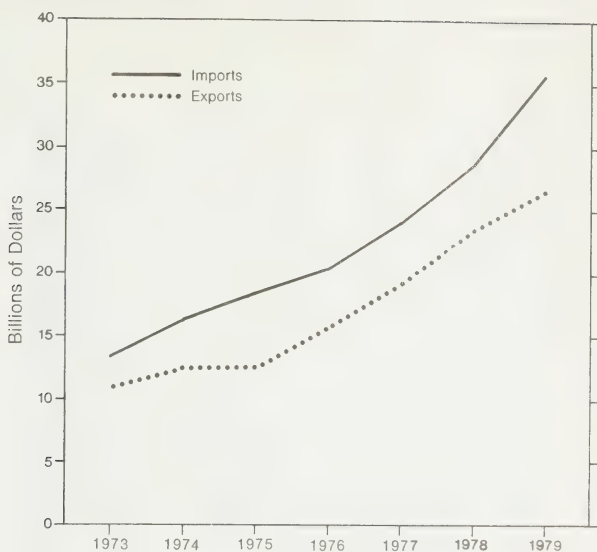
Re-Exports — Include only goods previously included in import statistics which are exported from Canada in the same form as when imported. Minor operations such as sorting or blending are not considered as changing the condition of imported goods.

Special Transactions — Include gold and gold products where the value of the gold content is 80 per cent or more of the total value, including coins, settlers' effects, private donations and gifts, identifiable tourist purchases, goods shipped to Canadian diplomatic or military personnel abroad or by foreign representatives in Canada, temporary exports for exhibition or competition including films for processing. Bunker supplies and ships' stores sold to foreign vessels or aircraft in Canada, temporary exports and goods merely moving in transit through Canadian territory are not reflected in any of the statistics.

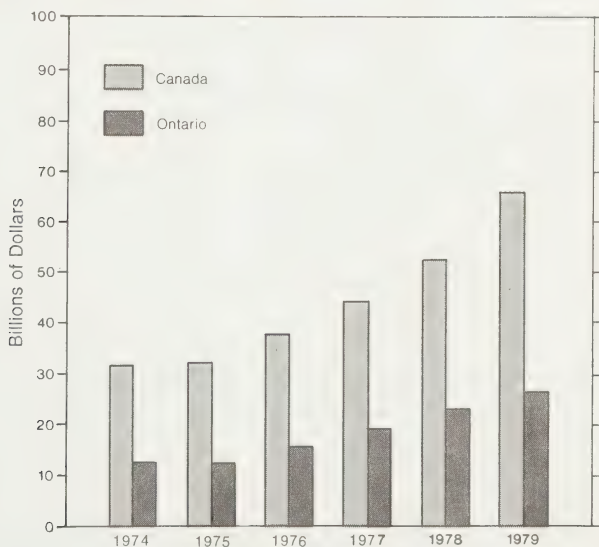
Current Account – Consists of imports and exports of goods and services (that is, merchandise trade and service transactions) and transfers such as inheritances, personal and institutional remittances and withholding tax.

Graph 15.A

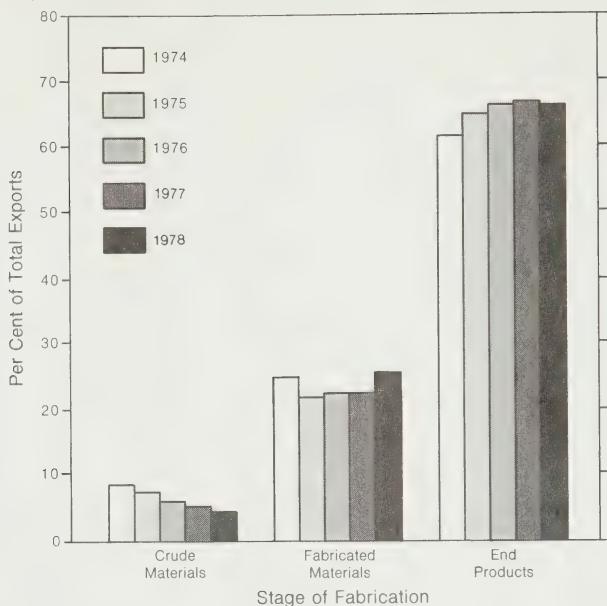
Exports and Imports, Ontario, 1973-1979



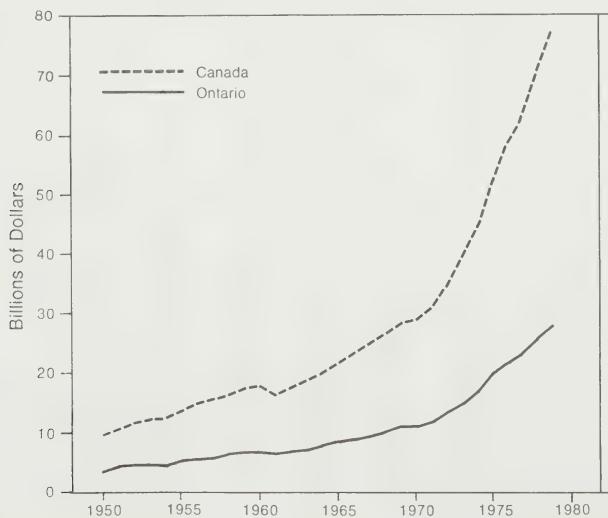
Refer to Tables 15.1 and 15.4.

Graph 15.BExports¹, Canada and Ontario, 1974-1979¹Includes re-exports.

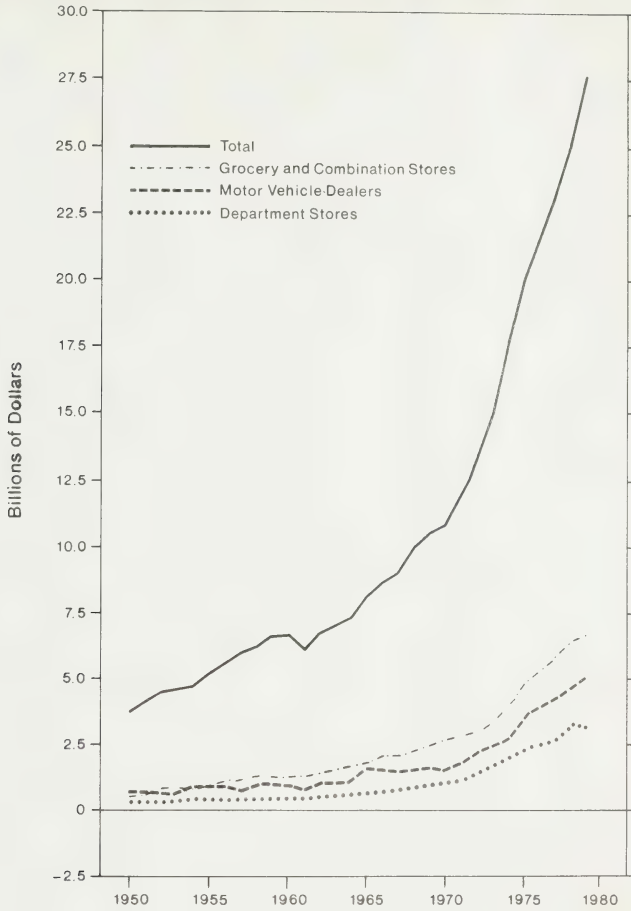
Refer to Table 15.2.

Graph 15.CComposition of Exports¹, Ontario, 1974-1978¹Includes re-exportsSource: Ministry of Industry and Tourism, *Ontario Exports by Countries and Commodities***Graph 15.D**

Retail Trade Annual Sales, Canada and Ontario, 1950-1979



Refer to Table 15.7

Graph 15.E**Value of Retail Trade by Kind of Business, Ontario, 1950-1979**

Refer to Table 15.6

Table 15.1Exports¹ to Principal Trading Areas, Canada and Ontario, 1972-1979

	All Countries	United States	United Kingdom	Japan	EEC ²	All Other Countries
\$ Million						
Canada						
1972	19,977.2	13,921.6	1,328.1	961.9	1,125.4	2,640.2
1973	25,207.6	17,061.9	1,588.7	1,800.2	1,525.4	3,231.4
1974	32,052.1	21,262.7	1,894.7	2,223.9	2,130.1	4,540.7
1975	32,857.4	21,545.3	1,783.8	2,119.8	2,306.3	5,102.2
1976	38,076.9	25,344.8	1,801.5	2,385.9	2,600.0	5,944.7
1977	44,197.4	30,557.7	1,883.1	2,508.3	2,685.0	6,563.0
1978	52,641.7	37,002.7	2,005.1	3,061.8	2,908.8	7,663.3
1979	65,518.3	44,454.0	2,622.5	4,097.0	4,672.2	9,672.6
Ontario						
1972	9,059.9	7,420.1	518.0	70.5	217.8	833.5
1973	10,929.7	8,876.7	581.8	118.1	362.5	990.6
1974	12,387.2	9,774.4	696.2	120.2	424.3	1,372.1
1975	12,472.3	9,724.9	668.4	122.9	408.0	1,548.1
1976	15,660.2	12,289.0	588.3	136.4	494.4	2,152.1
1977	19,099.4	15,537.3	646.7	106.1	497.0	2,312.3
1978	23,342.7	18,965.3	604.6	135.8	649.7	2,987.3
1979 ^p	26,840.8	21,728.8	814.9	183.3	992.5	3,121.2

1) Includes re-exports.

2) European Economic Community excluding United Kingdom, Ireland and Denmark 1972-1975. Ireland and Denmark are included for 1976, 1977, 1978 and 1979.

Source: SC, *Exports by Commodities* (65-004).

Industry and Tourism, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.2

Merchandise Trade with Selected Countries, Canada, 1965–1979

	All Countries	United States		United Kingdom		Other E.E.C. ¹		All Other Countries	
	\$ Million	\$ Million	% of Total	\$ Million	% of Total	\$ Million	% of Total	\$ Million	% of Total
Domestic Exports									
1965	8,525.1	4,840.5	56.8	1,174.3	13.8	..	..	2,510.3	29.4
1966	10,070.6	6,027.7	59.9	1,122.6	11.1	..	..	2,920.5	29.0
1967	11,121.0	7,088.5	63.8	1,169.1	10.5	..	..	2,863.4	25.7
1968	13,270.0	8,942.5	67.4	1,209.6	9.1	..	..	3,117.9	23.5
1969	14,462.0	10,238.0	70.8	1,091.0	7.5	..	..	3,133.0	21.7
1970	16,401.0	10,580.0	64.5	1,465.0	8.9	..	..	4,356.0	26.6
1971	17,396.6	11,683.1	67.2	1,379.8	7.9	..	..	4,333.7	24.9
1972	19,660.7	13,575.0	69.0	1,369.6	7.0	..	..	4,715.1	24.0
1973	24,719.2	16,611.9	67.2	1,571.8	6.4	..	..	6,535.5	26.4
1974	31,674.5	20,762.5	65.6	1,911.9	6.0	..	..	9,000.1	28.4
1975	32,325.0	21,029.6	65.1	1,766.5	5.5	..	..	9,528.9	29.5
1976	37,258.8	25,138.6	67.5	1,831.8	4.9	..	..	10,288.4	27.6
1977	44,197.4	30,557.7	69.1	1,883.1	4.3	..	..	11,756.6	26.6
1978	51,719.1	36,283.1	70.2	1,984.0	3.8	2851.4	5.5	10,600.5	20.5
1979	64,193.6	43,439.4	67.7	2,588.6	4.0	4,599.9	7.2	13,565.6	21.1
Imports									
1965	8,633.1	6,044.8	70.0	619.1	7.2	..	..	1,969.3	22.8
1966	10,071.9	7,204.4	71.5	672.6	6.7	..	..	2,194.9	21.8
1967	10,872.2	7,951.3	73.1	650.1	6.0	..	..	2,270.8	20.9
1968	12,358.0	9,048.4	73.2	696.1	5.6	..	..	2,613.5	21.1
1969	14,130.4	10,243.2	72.5	791.1	5.6	..	..	3,095.5	21.9
1970	13,951.9	9,917.2	71.1	738.2	5.3	..	..	3,296.0	23.6
1971	15,618.1	10,950.6	70.1	837.3	5.4	..	..	3,830.2	24.5
1972	18,669.4	12,878.2	69.0	949.5	5.1	..	..	4,841.7	25.9
1973	23,302.6	16,483.6	70.7	1,005.4	4.3	..	..	5,813.6	24.9
1974	31,692.1	21,356.7	67.4	1,126.3	3.6	..	..	9,209.1	29.1
1975	34,635.5	23,559.3	68.0	1,222.0	3.5	..	..	9,854.2	28.5
1976	37,432.6	25,695.5	68.6	1,153.3	3.1	..	..	10,583.8	28.3
1977	42,068.2	29,552.0	70.2	1,281.2	3.1	..	..	11,235.0	26.7
1978	49,684.0	35,011.8	70.5	1,597.7	3.2	3,031.8	6.1	10,042.7	20.2
1979	62,677.7	45,391.8	72.4	1,928.3	3.1	3,658.0	5.8	11,699.5	18.7

1) European Economic Community

Source: SC, *Exports by Commodities*, (65-004).*Imports by Commodities*, (65-007).

Table 15.3
Exports¹ by Commodity Section, Canada and Ontario, 1975-1979

	Live Animals	Food, Feed Beverages and Tobacco	Crude Materials	Fabricated Materials	End Products, Inedible	Special Trans- actions Trade	Total
\$'000's							
Canada							
1975	86,757	4,026,760	7,965,403	9,994,338	10,702,707	81,436	32,857,401
1976	134,624	4,145,951	8,302,199	12,305,207	13,045,207	142,926	38,076,878
1977	151,726	4,429,243	8,856,591	15,062,520	15,621,919	75,433	44,197,433
1978	213,769	5,120,256	8,839,407	19,033,043	19,310,608	124,604	52,641,687
1979	245,634	6,090,952	12,549,406	24,528,786	21,923,704	179,836	65,518,318
Ontario							
1975	23,879	645,939	954,149	2,754,909	8,064,916	28,539	12,472,331
1976	42,001	635,197	951,976	3,589,160	10,376,930	64,938	15,660,212
1977	35,298	723,172	1,038,298	4,519,134	12,745,157	38,312	19,099,371
1978	65,344	828,981	1,034,123	5,968,147	15,386,507	59,557	23,342,659
1979 ^p	102,255	1,021,727	1,379,732	7,585,100	16,675,326	76,626	26,840,766

1) Includes re-exports.

Source: SC, Exports by Commodities (65-004).

Industry and Tourism, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.4
Imports by Commodity Section, Canada and Ontario, 1975-1979

	Live Animals	Food, Feed Beverages and Tobacco	Crude Materials	Fabricated Materials	End Products, Inedible	Special Trans- actions Trade	Total
\$'000's							
Canada ¹							
1975	75,248	2,606,392	5,079,699	5,936,328	20,515,327	324,300	34,537,294
1976	108,609	2,763,280	5,087,297	6,220,100	22,748,101	505,180	37,432,567
1977	52,157	3,255,431	5,287,274	7,010,132	26,042,096	421,092	42,068,182
1978	80,413	3,698,975	5,885,874	8,773,340	30,856,544	388,851	49,683,997
1979	75,419	4,159,194	7,901,083	12,058,846	37,914,059	569,082	62,677,682
Ontario							
1975	37,694	920,947	1,067,411	3,001,648	13,202,881	184,839	18,415,449
1976	77,642	1,011,916	1,051,996	3,260,716	14,689,739	252,395	20,344,404
1977	29,860	1,283,150	1,496,250	3,654,402	17,404,458	216,132	24,084,252
1978	50,980	1,351,014	1,868,244	4,786,823	20,156,187	199,683	28,412,931
1979 ^p	45,300	1,581,470	2,778,577	6,885,726	23,942,313	364,899	35,598,285

1) Excludes the Northwest Territories

Source: SC, Imports by Commodities (65-007).

Industry and Tourism, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.5

Balance of Payments: Merchandise Trade Balance and Current Account Balance, Canada, 1950–1979

	Merchandise Exports ¹	Merchandise Imports ¹	Merchandise Balance	Total Current Account Balance
\$ Million				
1950	3,139	3,132	7	–319
1951	3,950	4,101	–151	–512
1952	4,339	3,850	485	187
1953	4,152	4,210	–60	–448
1954	3,934	3,916	18	–424
1955	4,332	4,543	–211	–687
1956	4,837	5,565	–728	–1,372
1957	4,894	5,488	–594	–1,451
1958	4,887	5,066	–176	–1,137
1959	5,151	5,572	–421	–1,487
1960	5,392	5,540	–148	–1,233
1961	5,889	5,716	173	–928
1962	6,387	6,203	184	–830
1963	7,082	6,579	503	–521
1964	8,238	7,537	701	–424
1965	8,745	8,627	118	–1,130
1966	10,326	10,102	224	–1,162
1967	11,338	10,772	566	–499
1968	13,720	12,249	1,471	–97
1969	15,035	14,071	964	–917
1970	16,921	13,869	3,052	1,106
1971	17,961	15,534	2,427	306
1972	20,222	18,577	1,645	–655
1973	25,445	22,725	2,720	18
1974	32,591	30,893	1,698	–1,492
1975	33,347	33,986	–639	–4,965
1976	38,019	36,887	1,132	–4,329
1977 ¹	44,210	41,473	2,737	–4,299
1978	52,511	49,129	3,382	–5,302
1979	65,163	61,178	3,985	–5,019

1) Adjusted for balance of payments purposes.

Source: SC, *Quarterly Estimates of the Canadian Balance of International Payments*, (67-001).

Table 15.6

Value of Retail Trade by Kind of Business, Canada and Ontario, 1961-1979

	Total	Grocery & Combi- nation Stores	Motor Vehicle Dealers	Service Stations and Garages	Depart- ment Stores	Shoe & Clothing Stores	Hardware Stores	Furniture, TV, Radio & Appliance Dealers	Fuel Dealers ¹	Other
\$ Million										
Canada										
1961 ³	16,073	3,704	2,599	1,492	1,551	1,008	300	572	347	4,500
1962	17,137	3,914	2,957	1,582	1,629	1,086	301	587	412	4,669
1963	18,207	4,176	3,312	1,624	1,730	1,158	310	601	425	4,871
1964	19,493	4,481	3,612	1,695	1,892	1,254	320	627	421	5,191
1965	21,155	4,825	4,175	1,778	2,010	1,360	332	678	448	5,549
1966 ²	22,686	5,352	4,338	1,874	1,974	1,382	356	740	475	6,195
1967	24,155	5,685	4,433	2,004	2,158	1,513	366	784	461	6,751
1968	25,710	5,986	4,714	2,180	2,445	1,588	392	816	471	7,118
1969	27,401	6,401	4,796	2,318	2,737	1,672	391	868	466	7,752
1970	28,034	6,849	4,197	2,531	2,852	1,732	383	847	473	8,170
1971	30,646	7,260	4,925	2,695	3,184	1,867	409	942	523	8,841
1972 ⁴	34,107	7,721	6,240	2,687	3,714	1,991	433	953	...	10,368
1973	38,335	8,595	7,422	2,978	4,316	2,157	452	1,072	...	11,343
1974	44,751	10,263	8,303	3,595	5,055	2,420	529	1,362	...	13,224
1975	51,408	12,881	10,184	3,857	5,786	2,740	581	1,530	...	13,849
1976	57,167	13,156	11,058	4,596	6,510	3,141	639	1,630	...	16,437
1977	61,651	14,371	11,750	5,072	6,941	3,319	668	1,670	...	17,860
1978 ¹	68,798	16,193	13,480	5,536	7,695	3,697	706	1,811	...	19,680
1979 ²	76,978	18,060	15,519	6,247	8,519	4,169	760	1,958	...	21,746
Ontario										
1961 ³	6,207	1,399	982	572	527	395	102	237	180	1,813
1962	6,526	1,475	1,118	577	548	428	96	235	214	1,835
1963	6,948	1,577	1,245	595	583	459	100	249	204	1,936
1964	7,366	1,681	1,324	618	643	495	102	250	183	2,070
1965	8,043	1,808	1,552	654	678	541	105	279	188	2,238
1966 ²	8,625	2,017	1,585	702	745	523	112	305	200	2,436
1967	9,091	2,147	1,578	749	815	567	115	312	188	2,620
1968	9,885	2,257	1,732	806	946	622	128	332	185	2,877
1969	10,588	2,431	1,799	870	1,067	654	128	368	176	3,095
1970	10,885	2,621	1,574	970	1,118	685	126	358	174	3,259
1971	11,877	2,781	1,840	1,022	1,250	746	132	393	191	3,522
1972 ⁴	13,058	2,958	2,210	1,063	1,454	777	130	418	...	4,048
1973	14,505	3,301	2,568	1,176	1,650	842	127	468	...	4,373
1974	16,564	3,919	2,743	1,422	1,918	927	142	502	...	4,991
1975	19,156	4,985	3,595	1,469	2,170	1,102	164	590	...	5,081
1976	21,057	5,113	3,721	1,770	2,398	1,198	179	598	...	6,080
1977	22,711	5,503	4,078	1,974	2,583	1,255	172	591	...	6,555
1978 ¹	25,184	6,131	4,604	2,156	2,843	1,373	185	615	...	7,277
1979 ²	27,622	6,707	5,102	2,401	3,082	1,531	202	639	...	7,958

1) Fuel dealers transferred to wholesale trade from 1972 on.

2) Data from 1966 onward revised on the basis of 1966 Census of Merchandising.

3) Data from 1961 onward incorporate several changes due to a revision to the Standard Industrial Classification: restaurants, caterers, cocktail lounges, taverns, dressmakers moved from retail to service; lumber and building material dealers, farm implement dealers, feed and seed stores, farm supply stores, harness shops moved from retail to wholesale; and automotive repair shops, radio and TV repair shops, jewellery repair and engraving, bicycle repair moved from service to retail.

4) From 1972 on, figures have been revised to reflect the implementation of the new retail trade survey.

Source: SC, *Retail Trade*

Table 15.7

Retail Trade Annual Sales, Canada, Ontario, Québec and British Columbia, 1956-1979

	Canada	Ontario	Québec	British Columbia ¹
	\$ Million			
1956 ²	14,774	5,734	3,463	1,640
1957	15,423	5,943	3,710	1,683
1958	16,139	6,271	3,854	1,705
1959	17,087	6,615	4,114	1,793
1960	17,390	6,751	4,213	1,755
1961 ³	16,073	6,207	4,108	1,604
1962	17,137	6,526	4,486	1,751
1963	18,207	6,948	4,770	1,880
1964	19,493	7,366	5,120	2,086
1965	21,155	8,043	5,534	2,307
1966 ²	22,686	8,625	5,882	2,507
1967	24,155	9,091	6,379	2,648
1968	25,710	9,885	6,565	2,859
1969	27,401	10,588	6,962	3,165
1970	28,034	10,885	7,074	3,260
1971	30,646	11,877	7,681	3,632
1972	34,107	13,058	8,612	3,987
1973	38,335	14,505	9,697	4,646
1974	44,751	16,564	11,383	5,540
1975	51,408	19,156	13,021	6,069
1976	57,167	21,057	14,448	6,815
1977	61,651	22,711	15,558	7,449
1978 ⁴	68,798	25,184	17,174	8,235
1979 ⁵	76,978	27,622	19,516	9,185

1) Includes Yukon and Northwest Territories.

2) Data from 1956-60 revised to conform with the 1961 census. Data from 1966 onward revised on the basis of 1966 Census of Merchandising.

3) Data from 1961 onward incorporate several changes due to a revision to the Standard Industrial Classification: restaurants, caterers, cocktail lounges, taverns, dressmakers moved from retail to service; lumber and building material dealers, farm implement dealers, feed and seed stores, farm supply stores, harness shops moved from retail to wholesale, and automotive repair shops, radio and TV repair shops, jewellery repair and engraving, bicycle repair moved from service to retail.

Source: SC, *Retail Trade*.**Table 15.8**

Department Store Sales, by Province, Canada, 1974-1979

	1974	1975	1976	1977	1978 ¹	1979 ²
	\$'000's					
Canada	5,059,277	5,776,759	6,509,644	6,941,039	7,694,760	8,518,691
Ontario	1,909,644	2,165,270	2,397,867	2,582,570	2,843,308	3,082,007
Newfoundland	71,626	77,773	83,015	87,229	94,120	106,959
Prince Edward Island	23,558	33,031	38,378	42,590	48,256	51,794
Nova Scotia	129,448	145,341	161,408	174,327	195,092	213,281
New Brunswick	96,448	116,934	134,335	144,310	160,023	177,089
Québec	939,943	1,097,530	1,279,428	1,322,558	1,460,198	1,609,044
Manitoba	313,501	342,062	378,934	395,651	427,317	458,989
Saskatchewan	128,933	158,820	183,819	194,729	214,557	238,074
Alberta	617,191	723,268	840,981	916,705	1,023,634	1,172,264
British Columbia ¹	828,985	916,730	1,011,480	1,080,370	1,228,255	1,409,190

1) Includes Yukon and Northwest Territories.

Source: SC, *Department Store Sales and Stocks*.

Agriculture

Highlights

- **Farm and Farm Income** — In Ontario the number of farms has decreased from 1976 to 1979. The 1979 total of 85,800 represents a decrease of 3.4 per cent from 1976.

The 1979 current value of farm lands and buildings in Ontario was \$19.6 million, up \$2.3 million or 13.4 per cent from 1978 and 28.6 per cent from 1977. The current value of implements and machinery was up 13.9 per cent to \$2.7 million in 1979 from 1978. Livestock and poultry were up 44.2 per cent from 1978 to \$2.3 million in 1979.

Feed represented the biggest Ontario farm operating expense in 1979 at \$561.6 million followed by interest and other livestock expenses at \$373.2 million and \$331.3 million respectively.

From 1975 to 1979 Ontario cash receipts from farm products increased 47.2 per cent to \$4.0 billion.

Total net income from farming operations in Ontario rose by 24.2 per cent between 1962 and 1972 to reach \$383.7 million. A notable increase in total net income occurred between 1972 and 1979 increasing by 172.1 per cent to \$1,044.0 million.

In 1975 total crops made up 32.9 per cent, whereas total livestock products made up 62.6 per cent of total cash receipts. By 1979, total crops and total livestock products accounted for 30.9 and 65.7 per cent respectively, of total cash receipts.

Between 1975 and 1979 tobacco has consistently yielded the highest cash receipts for crops. In 1979 tobacco yielded 22.4 per cent of Ontario's total crop receipts. Similarly, cattle and calves have consistently yielded the highest revenues for livestock products; in 1979 the yield was 42.8 per cent of total livestock products receipts.

- **Farm Production** — Ontario potato production increased 2.4 per cent from 1978 to 774.7 million pounds in 1979. Processing tomato production decreased 2.3 per cent from 1978 to 915.5 million in 1979. The total farm value of potatoes was \$24.5 million in 1979 down 19.0 per cent from 1978.

Marketed production of apples in Ontario in 1979 was 309.6 million pounds representing a 1.6 per cent decrease from 1978. The farm value of the apples was \$33.5 million, down 1.2 per cent from 1978. Marketed production of grapes decreased 5.6 per cent from 1978 to 1979; the total farm value of grapes increased 7.4 per cent in this period.

Cattle and calves on Ontario farms totalled approximately 3 million for each year between 1962 and 1979. The number of hogs increased 18.3 per cent from 1962 to 1972 and increased 40.9 per cent from 1972 to 1979. Sheep and lambs decreased by 18.7 per cent to 170,000 from 1972 to 1979. The number of hens and chickens decreased by 1.5 per cent to 31.3 million from 1972 to 1978. Turkeys increased by 38.1 per cent to 3.9 million from 1962 to 1972 and increased a further 34.7 per cent to 5.2 million between 1972 and 1978.

From 1977 to 1979 total milk production in Ontario decreased 2.3 per cent to 2,386,631 kilolitres. In that period, the cash receipts for milk rose 14.5 per cent to \$686.1 million.

In 1979, wheat in Ontario had a yield of 52 bushels per acre and covered 490,000 acres; hay yielded 2.8 tons per acre and covered 2.8 million acres; and grain corn had a yield of 90 bushels per acre and covered 1.9 million acres.

Definitions

Cash Receipts — Receipts from the sale of agricultural products.

Income in Kind — This item represents the value of consumption of homegrown food, wool and woodlot products.

Operating and Depreciation Charges — This estimate includes farm business costs incurred by farmers regardless of whether they are paid for in cash or accumulated as new debt. As far as possible, they exclude outlays for goods and services obtained directly from other farmers. All subsidy payments are taken into account in order that the estimates represent only net amounts paid by farmers.

Depreciation charges are intended to reflect the amount that farmers would have to pay to accommodate the decline in value of farm buildings and machinery due to obsolescence and wear.

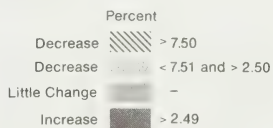
Realized Net Income — Is obtained by adding together farm cash receipts from the sale of agricultural products, supplementary payments, and the value of income in kind, and deducting farm operating expenses and depreciation charges. This estimate of farm net income represents the amount of income from farming that operators have left for family living, personal taxes and investment after provision has been made for operating expenses and depreciation charges.

Value of Inventory Change — The value of inventory change is obtained by calculating the change in the quantity of field crops and the number of livestock on farms between the beginning and end of the year and valuing the difference at average annual prices.

Total Net Income — Is obtained by adjusting realized net income to take into account changes occurring in inventories of livestock and stocks of field crops on farms between the beginning and end of the year. This latter estimate of income is used in calculating the contribution of agriculture to National Income and for making comparisons with net income of non-farm business enterprises.



Map 16.A Change in Improved Farmland¹, 1971-1976

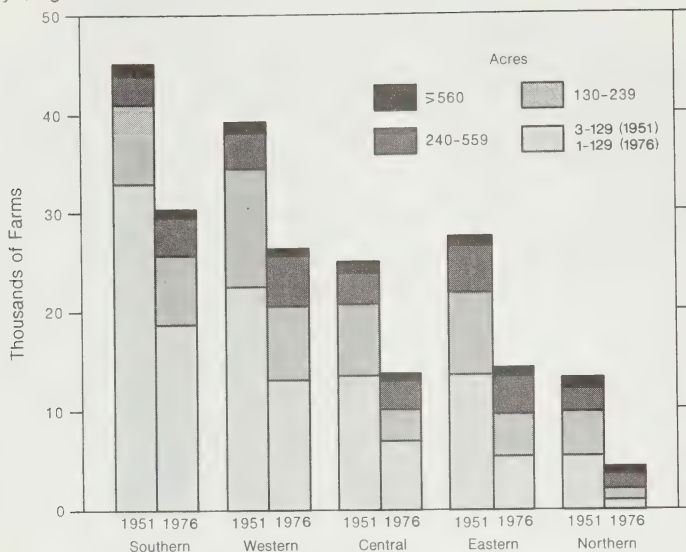


¹Area farmed by county

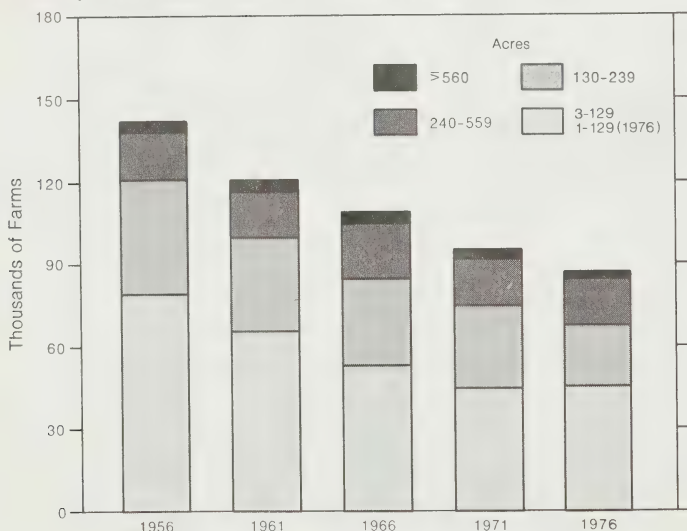
Source: Ministry of Treasury and Economic Services
 Census Statistical Services, based on data from the Ministry of Agriculture and Food, Economics Branch

Graph 16.B

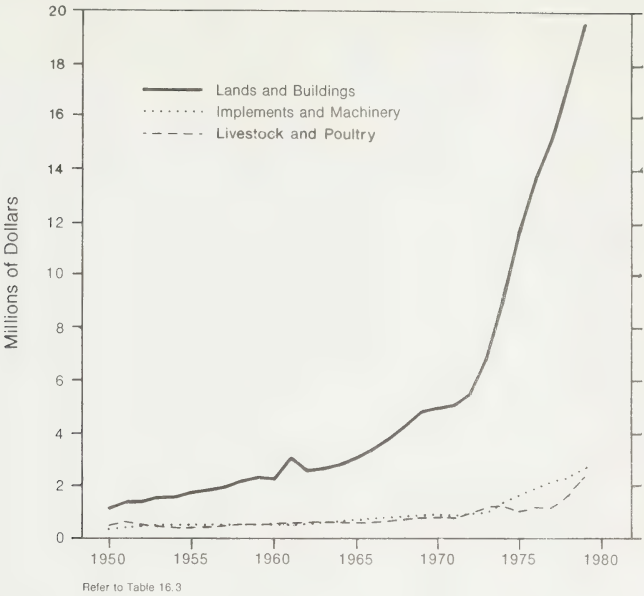
Farm Size by Region, Ontario, 1951 and 1976

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario 1978***Graph 16.C**

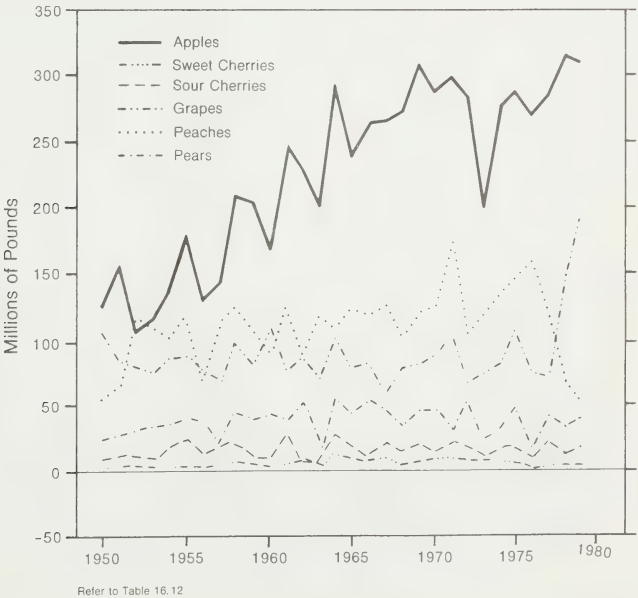
Number of Farms by Size Group, Ontario, Census Years, 1956-1976

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario 1978*

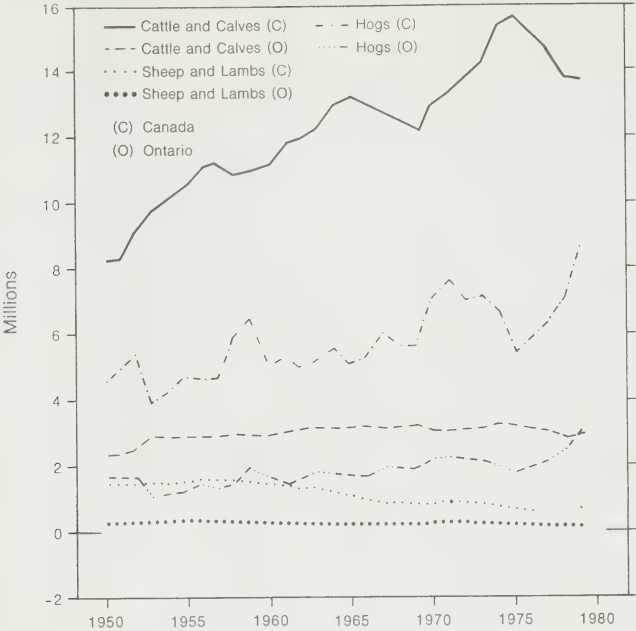
Graph 16.D
 Current Values of Farm Capital by Item, Ontario, 1950-1979



Graph 16.E
 Fruit Production by Selected Type, Ontario, 1950-1979

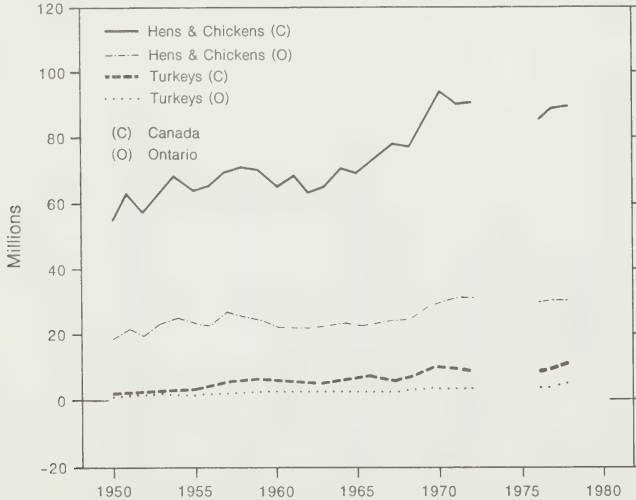


Graph 16.F
Number of Livestock on Farms by Class, Canada and Ontario, 1950-1979



Refer to Table 16.13.

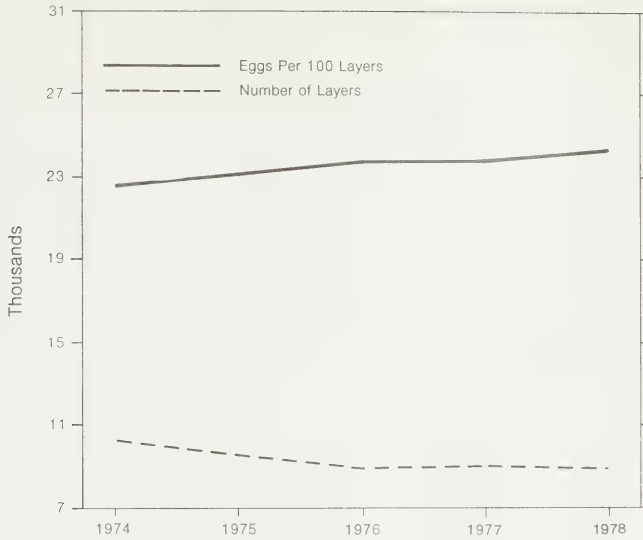
Graph 16.G
Number of Poultry on Farms by Class, Canada and Ontario, 1950-1979¹



¹ No figures available for 1973, 1974, 1975.

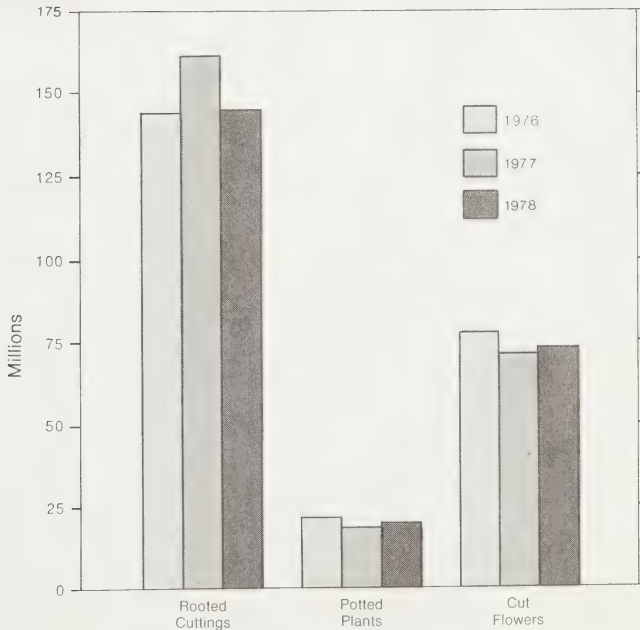
Refer to Table 16.13.

Graph 16.H
Production of Eggs, Ontario, 1974-1978



Refer to Table 16.16

Graph 16.I
Flower Production, Ontario, 1976-1978



Refer to Table 16.17

Table 16.1Estimates of Farm Numbers, by Province¹, 1976 and 1979

Province	1976	1979
Prince Edward Island	3,700	3,100
Nova Scotia	5,400	5,800
New Brunswick	4,600	3,600
Quebec	51,600	51,500
Ontario	88,800	85,800
Manitoba	32,100	29,300
Saskatchewan	71,000	69,600
Alberta	61,100	60,000
British Columbia	19,400	20,600
Canada	337,700	329,300

¹) Newfoundland estimates are not available as the survey method used in that province is not suited to farm number estimation.

Source: SC, 1976 Census of Agriculture.

SC, Farm and Agriculture Enumerative Surveys, Agriculture Statistics Division.

Table 16.2
Farm Enlargement Statistics¹, by County, Ontario, 1980²

County/District	Farms	Purchases Acres	Cost	Average Cost Per Acre	Average Farm Acreage
Ontario	3,065	446,604	36,608,905	81.97	145
Algoma	40	7,340	402,150	54.78	183
Bruce	342	41,447	4,720,414	113.89	121
Cochrane	188	30,039	495,216	16.48	159
Dufferin	10	1,354	142,800	105.46	135
Dundas	201	21,008	2,397,178	114.10	104
Durham	1	102	5,500	53.92	102
Frontenac	29	7,271	486,143	66.86	250
Glengarry	75	9,087	1,010,618	111.21	121
Grenville	73	10,917	834,750	76.46	149
Grey	188	22,375	2,725,775	121.82	119
Haldimand	6	579	55,650	96.11	96
Haliburton	3	900	37,000	41.11	300
Hastings	89	13,926	1,138,707	81.76	156
Huron	178	20,528	2,609,445	127.11	115
Kenora	8	2,426	61,540	25.36	303
Kent	5	830	108,500	130.72	166
Lambton	15	1,681	226,750	134.88	112
Lanark	74	15,448	978,950	63.37	208
Leeds	141	22,251	1,872,655	84.16	157
Lennox & Addington	53	10,558	1,088,610	103.10	199
Manitoulin	80	18,839	938,350	49.80	235
Middlesex	3	284	31,000	109.15	94
Muskoka	2	376	39,000	103.72	188
Nipissing	55	11,832	507,450	42.88	215
Northumberland	27	2,671	432,769	162.02	98
Ontario	1	100	8,000	80.00	100
Ottawa-Carleton	22	2,581	345,000	133.66	117
Parry Sound	15	2,959	106,100	35.85	197
Perth	24	2,772	409,000	147.54	115
Peterborough	11	1,438	128,971	89.68	130
Prescott	285	30,424	3,227,467	106.08	106
Prince Edward	48	6,413	676,850	105.54	133
Rainy River	111	22,669	670,050	29.55	204
Renfrew	136	26,565	1,644,534	61.90	195
Russell	85	8,820	967,686	109.71	103
Simcoe	4	485	87,000	179.38	121
Stormont	168	20,346	1,849,917	90.92	121
Sudbury	26	5,435	294,340	54.15	209
Thunder Bay	17	5,116	187,060	36.56	300
Timiskaming	133	23,607	1,728,100	73.20	177
Victoria	16	3,268	283,910	86.87	204
Wellington	43	4,848	528,000	108.91	112
Cochrane 6040 ³	34	4,689	120,000	25.59	137

1) Farms purchased under the farm enlargement program of the Ministry of Agriculture and Food.

2) Cumulative data to March 31, 1980.

3) Land purchased under a different program.

Source: The Ministry of Agriculture and Food, *Annual Report*.

Table 16.3Current Values of Farm Capital by Item, Canada¹ and Ontario, 1950–1979

	Livestock and Poultry ²		Lands and Buildings		Implements and Machinery	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	\$'000's					
1950	1,467,580	485,067	5,022,642	1,194,178	1,681,075	389,355
1951	2,006,491	682,197	5,512,519	1,419,364	1,931,880	445,278
1952	1,790,874	561,148	5,668,467	1,464,329	2,076,787	486,270
1953	1,556,503	490,068	6,295,977	1,600,376	2,257,636	519,570
1954	1,424,076	454,733	6,183,050	1,667,247	2,352,548	531,526
1955	1,462,727	459,295	6,567,066	1,803,294	2,283,627	520,991
1956	1,422,719	430,056	6,852,657	1,893,223	2,263,286	526,358
1957	1,512,472	465,308	6,958,491	1,984,305	2,371,409	556,333
1958	1,860,461	575,884	7,440,775	2,165,316	2,441,191	574,683
1959	1,956,443	593,555	7,842,190	2,391,292	2,509,654	589,969
1960	1,878,010	578,124	8,226,925	2,369,386	2,575,025	596,787
1961	1,990,234	593,722	8,603,397	3,125,974	2,565,538	579,282
1962	2,053,255	627,081	8,956,699	2,669,855	2,659,783	603,896
1963	2,126,188	614,886	9,571,797	2,719,070	2,810,539	633,141
1964	2,191,530	619,394	10,536,963	2,930,871	3,015,562	667,583
1965	2,137,861	616,873	11,816,736	3,125,974	3,263,250	710,403
1966	2,364,002	678,372	13,149,821	3,451,146	3,548,848	758,398
1967	2,517,816	731,261	14,828,164	3,881,140	3,723,206	797,591
1968	2,489,739	744,872	16,338,228	4,374,353	3,872,524	833,154
1969	2,955,806	855,239	16,626,354	4,968,160	3,925,308	855,336
1970	3,139,658	857,083	16,738,363	5,005,110	3,922,979	877,785
1971	3,065,068	794,743	16,911,982	5,183,419	3,904,961	890,037
1972	3,751,175	970,447	18,348,579	5,589,824	4,124,931	961,411
1973	4,907,390	1,219,440	22,232,843	6,934,065	4,517,817	1,066,466
1974	5,092,915	1,263,299	29,020,886	9,130,954	5,705,560	1,315,634
1975	4,126,800	1,108,341	36,640,600	11,662,374	7,515,692	1,672,114
1976	4,478,832	1,217,535	43,496,491	13,822,338	9,026,870	1,940,182
1977	4,543,892	1,211,336	46,703,744	15,273,683	9,999,298	2,113,952
1978	6,266,521 ¹	1,592,084 ¹	52,585,899	17,320,357	11,292,516	2,369,669
1979	8,938,258	2,296,243	62,640,164	19,641,285	12,826,422	2,700,057

¹ Excludes Newfoundland.² Includes value of animals on fur farms.Source: CANSIM, *Current Value of Farm Capital by Items*.

Table 16.4
Farm Net Income, Ontario, 1975-1979

	1975	1976	1977	1978	1979
	\$'000's				
Cash receipts	2,684,429	2,780,354	2,845,791	3,398,181	3,951,020
Income in Kind	43,587	43,552	45,445	57,858	65,236
Supplementary Payments	—	—	—	—	—
Realized Gross Income	2,728,016	2,823,906	2,891,236	3,456,039	4,016,256
Operating and Depreciation Charges	1,916,904	2,063,040	2,188,724	2,693,866	3,162,074
Realized Net Income	811,112	760,866	702,512	762,173	854,182
Value of Inventory Change	94,155	-84,155	80,204	5,661	189,828
Total Gross Income	2,822,171	2,739,751	2,971,440	3,461,700	4,206,084
Total Net Income	905,267	676,711	782,716	767,834	1,044,010

Source: SC, Agriculture Statistics Division

Table 16.5**Farm Operating Expenses and Depreciation Charges, Ontario, 1975-1979**

	1975	1976	1977	1978 ¹	1979 ²
	\$'000's				
Taxes ¹	25,508	29,852	32,192	35,131	34,782
Rent	57,693	62,062	68,496	91,162	105,902
Cash rent	47,916	52,007	58,155	79,084	89,681
Share rent	9,777	10,055	10,341	12,078	16,222
Wages	171,076	179,201	196,241	206,198	223,884
Cash wages	163,023	171,561	188,993	198,254	214,709
Room and board	8,053	7,640	7,248	7,944	9,175
Interest ²	147,942	183,524	201,397	253,830	373,204
Total machinery ³	194,283	212,140	223,799	249,854	264,171
Fuel	77,294	82,122	85,711	98,593	109,734
Machinery repairs and other expenses	116,989	130,018	138,088	151,261	154,437
Fertilizer and lime	160,046	147,664	152,322	193,646	264,790
Fertilizer	159,736	147,389	152,022	193,325	264,469
Lime	310	275	300	321	321
Other Crop Expenses	133,924	134,520	141,998	177,352	191,791
Pesticides	53,029	55,549	57,523	74,235	79,877
Seed	67,139	67,310	72,577	90,339	90,971
Irrigation	-	-	-	-	-
Twine, wire and containers	13,756	11,661	11,898	12,778	20,943
Feed ⁴	365,740	373,600	384,197	463,757	561,610
Other Livestock Expenses	135,375	136,479	134,858	277,102	331,349
Feeder cattle and weanling pigs	111,406	110,273	107,806	238,228	287,543
Breed Association fees	1,349	1,532	1,685	1,715	2,076
A.I. fees and veterinary expenses	22,620	24,674	25,367	37,159	41,730
Repairs to Buildings	42,692	46,441	49,355	64,194	72,668
Electricity and Telephone	38,001	44,816	55,601	72,893	75,979
Electricity	29,555	35,274	44,912	58,821	61,527
Telephone	8,446	9,542	10,689	14,072	14,452
Miscellaneous	137,824	153,361	156,431	169,518	165,553
Insurance	-1,962	760	-7,060	-1,716	-31,008
Fencing	8,460	8,798	8,956	9,338	10,122
Custom work	33,582	35,405	37,327	28,366	32,706
Heating fuel	34,571	39,857	43,636	46,298	50,743
Miscellaneous	61,613	66,765	70,778	87,232	102,990
Stabilization levies	1,560	1,776	2,794	-	-
Total Operating Expenses	1,610,104	1,703,660	1,796,887	2,254,637	2,665,683
Depreciation	306,800	359,380	391,837	439,229	496,391
Buildings	108,134	126,761	138,521	154,773	172,875
Machinery	198,666	232,619	253,316	284,456	323,516
Total Operating Expenses and Depreciation Charges	1,916,904	2,063,040	2,188,724	2,693,866	3,162,074

1) Owned land and buildings only.

2) Interest payments on outstanding farm mortgages for owned land and buildings, together with interest payments on all other farm business debts.

3) For the farm business.

4) Purchases through commercial channels only.

Source: SC, *Farm Net Income*.

Income of Farm Operators from Farming Operations by Component, Canada¹ and Ontario, 1950-1979²

	Value of Inventory Change		Realized Gross Income ²		Cash Receipts From Farm Products		Income in Kind		Supplementary Payments ³	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	131,842	47,936	2,331,028	698,211	2,121,978	649,960	195,244	48,251	13,806	..
1951	327,433	34,206	2,956,005	837,961	2,725,182	784,073	220,467	53,888	10,356	..
1952	282,165	19,025	3,020,095	790,060	2,798,534	739,254	216,430	50,806	5,131	..
1953	74,559	16,383	2,904,087	761,826	2,708,590	715,952	193,925	45,874	1,572	..
1954	-77,151	13,175	2,476,111	737,319	2,292,708	693,741	180,976	43,578	2,427	..
1955	202,834	-27,090	2,444,186	763,967	2,239,058	723,857	171,790	40,110	33,338	..
1956	194,967	22,173	2,698,520	754,384	2,529,300	718,654	164,216	35,730	5,004	..
1957	-118,143	15,633	2,678,699	794,017	2,515,917	758,954	160,795	35,063	1,987	..
1958	-46,924	31,861	2,975,524	871,967	2,754,229	837,192	161,167	34,775	60,128	..
1959	-63,583	-9,371	2,926,629	876,088	2,753,873	843,132	150,669	32,956	22,087	..
1960	67,904	8,148	2,958,377	882,918	2,734,498	850,334	146,675	32,584	77,204	..
1961	-273,526	27,792	3,063,353	903,542	2,887,916	872,530	139,671	31,012	35,766	..
1962	193,946	22,001	3,317,159	962,002	3,111,936	931,126	134,910	30,876	70,313	..
1963	302,575	-31,764	3,345,757	1,032,941	3,199,851	1,001,982	131,137	30,959	14,769	..
1964	-85,700	-16,069	3,630,725	1,050,464	3,495,646	1,020,203	126,602	30,261	8,477	..
1965	48,216	-1,474	3,960,228	1,132,770	3,818,302	1,101,871	129,164	30,535	12,762	364
1966	173,392	40,237	4,439,599	1,296,246	4,272,215	1,256,350	126,039	32,256	41,345	9,640
1967	-169,039	-887	4,523,556	1,324,194	4,395,680	1,293,778	121,739	30,416	6,137	-
1968	231,885	8,037	4,497,956	1,358,505	4,369,412	1,327,911	120,576	30,594	7,968	-
1969	285,816	-18,812	4,369,989	1,433,742	4,232,741	1,400,210	127,313	32,564	9,935	968
1970	62,997	9,045	4,370,137	1,441,502	4,192,643	1,410,863	119,287	30,639	58,207	-
1971	175,926	2,746	4,653,648	1,446,930	4,522,530	1,417,625	112,863	29,305	19,255	-
1972	-264,108	-48,472	5,635,862	1,683,985	5,495,848	1,650,746	125,975	30,997	14,039	2,242
1973	569,677	89,817	7,136,796	2,099,330	6,956,464	2,055,442	168,824	43,584	11,508	304
1974	-71,180 ¹	-36,370	9,168,959	2,553,783	8,953,971	2,511,014	157,513	42,763	57,475	6
1975	261,432 ¹	94,155	10,211,773	2,728,016	10,026,754	2,684,429	154,729	43,587	30,290	-
1976	327,214 ¹	-84,155	10,165,569	2,823,906	10,005,110	2,780,354	160,459	43,553	-	-
1977	196,841 ¹	80,204 ¹	10,265,846	2,891,236	10,098,737	2,845,791	167,109	45,445	-	-
1978	223,380 ¹	5,661 ¹	12,095,768	3,456,039	11,880,345	3,398,181	215,423	57,858	-	-
1979	256,974	189,828	14,220,378	4,016,256	13,970,912	3,951,020	249,466	65,236	-	-

Table 16.6 (cont'd)
Income of Farm Operators from Farming Operations by Component, Canada¹ and Ontario, 1950–1979²

	Total		Gross		Income		Operating and Depreciation Charges		Realized Net Income ⁵		Total		Net		Income ⁶	
	Canada		Ontario		Income		Charges		Canada		Ontario		Canada		Ontario	

1) Excludes Newfoundland

2) Sums of cash receipts, income in kind and supplementary payments.

3) Payments made by the province of Quebec to beef, poultry and potato farmers due to the poor economic conditions faced by these farmers.

4) Realized gross income plus or minus inventory changes.

Table 16.7**Farm Cash Receipts from Farming Operations by Products, Ontario, 1975-1979**

	1975	1976	1977 ¹	1978 ¹	1979 ²
	\$'000's				
Wheat	82,698 ⁴	80,548 ⁴	84,211 ⁴	32,530 ⁴	77,499 ⁴
Oats	2,637	2,170	1,860	1,834	2,234
Barley	7,395	6,771	5,625	6,113	8,111
Rye	448	379	214	304	689
Flaxseed	-	-	-	-	-
Soybeans	44,925	78,143	79,642	152,783	128,787
Corn	148,114	153,062	152,644	191,686	216,425
Sugar beets	-	-	-	-	-
Potatoes	34,754	34,451	34,676	26,538	29,716
Fruits	63,851	69,379	67,121	83,400	72,175
Vegetables	158,688	160,702	155,010	175,624	193,187
Floriculture and Nursery	86,468	101,790	105,151	115,000	120,670
Tobacco	186,429	220,785	172,029	252,577	273,605
Other crops	67,214	78,921	72,576	78,168	95,979
Total Crops	883,612	987,101	930,759	1,116,557	1,219,077
Cattle and calves	602,346	572,463	668,620	896,924	1,109,628
Hogs	304,353	297,782	285,667	398,964	452,720
Sheep and lambs	4,407	4,407	4,684	5,920	7,046
Dairy products	489,914	481,859	508,118	524,513	603,589
Poultry	149,757	171,803	170,924	197,035	241,030
Eggs	102,951	113,639	115,472	119,168	132,655
Other livestock products	27,949	28,889	34,740	42,975	47,637
Total Livestock Products	1,681,677	1,670,842	1,788,225	2,185,499	2,594,305
Forest and maple products	8,256	9,853	10,167	11,800	14,273
Provincial Income					
Stabilization Program	24,149	22,650	12,613	-	5,526
Dairy supplement payments	84,133	83,414	86,615	76,340	78,192
Deficiency payments ¹	2,602 ³	6,494 ³	17,412 ³	7,985 ³	39,647 ³
Cash receipts from farming operations	2,684,429	2,780,354	2,845,791	3,398,181	3,951,020
Supplementary payments ²	-	-	-	-	-
Total Cash Receipts	2,684,429	2,780,354	2,845,791	3,398,181	3,951,020

1) Made under the authority of the Agricultural Stabilization Act. For this report, items included in the deficiency payments are specified below. Deficiency payments on other products are included as part of the estimated income for those products.

2) Government assistance to farmers who suffered losses as a result of adverse weather conditions.

3) Includes deficiency payments as follows: 1973 - two-price wheat, fowl and hogs; 1974 - two-price wheat, beef, lambs, fowl and hogs; 1975 - two-price wheat, beef, potatoes, hogs and cows; 1976 - two-price wheat, potatoes, beef, cows, cattle, fruits and vegetables; 1977 - potatoes, cattle, cows, fruits and vegetables; 1978 - potatoes, cattle, cows, fruits and vegetables; 1979 - potatoes, cattle, winter wheat, barley, fruits and vegetables.

4) Includes Board payments of \$5,387,000 for 1973, \$27,027,000 for 1974, \$41,106,000 for 1975, \$35,027,000 for 1976, \$25,189,000 for 1977, \$7,894,000 for 1978, and \$23,638,000 for 1979.

Source: SC, *Farm Cash Receipts*, (21-202).

Table 16.8
Agricultural and Food Exports, Ontario, 1968–1979

	Total	U.S.	U.K.	E.E.C. ¹	Caribbean	Japan	Other
	\$ Million						
1968	350	201	104	15	12	1	17
1969	386	235	95	14	16	2	24
1970	421	267	93	11	17	2	31
1971	419	254	93	15	18	3	36
1972 ^f	442	257	99	22	19	6	39
1973 ^f	554	340	104	31	23	14	42
1974 ^f	504	273	122	28	18	12	51
1975 ^f	600	331	95	34	26	21	92
1976 ^f	629	347	97	56	18	28	82
1977	706	407	94	57	20	38	89
1978	927	463	129	62	27	62	184
1979	1,136	607	134	101	24	60	210

1) Excludes the United Kingdom.

Source: Ministry of Agriculture and Food, based on SC External Trade Division data.

Table 16.9
Vegetable Production by Selected Type, Ontario, 1951–1979

	Cabbage	Carrots, Fresh	Corn, Pro- cessing	Corn, Fresh	Cucum- bers	Onions (Dry) ¹	Peas, Pro- cessing	Tomatoes, Pro- cessing	Tomatoes, Fresh	Rutabagas
	'000's lbs.									
1951	64,788	62,644	132,350	..	..	72,800	52,858	576,855	..	..
1952	68,028	68,782	146,500	..	..	86,694	43,400	650,258	..	..
1953	58,092	77,206	93,330	..	..	102,242	44,348	478,238	..	..
1954	67,812	74,128	138,688	..	..	85,878	39,186	469,104	..	..
1955	58,638	80,388	150,530	..	..	100,308	61,100	577,523	..	..
1956	62,866	87,444	133,624	..	..	78,240	39,286	496,833	..	..
1957	60,000	95,180	161,448	19,239	..	90,110	68,314	391,504	82,406	..
1958	65,210	108,410	158,708	22,839	..	78,402	40,964	629,227	93,774	..
1959	61,056	99,178	140,190	25,770	29,470	101,290	34,584	552,954	94,758	199,564
1960	60,490	111,276	165,788	20,170	30,707	115,794	46,728	671,178	102,984	209,836
1961	72,322	121,052	197,324	20,711	42,002	95,666	52,980	581,212	105,076	280,130
1962	67,518	137,988	217,310	20,710	39,390	139,344	48,422	695,844	97,286	143,420
1963	84,016	136,180	152,580	24,988	48,594	162,912	37,028	560,660	91,534	143,742
1964	70,502	127,398	207,410	21,240	56,784	131,020	53,526	636,948	84,574	174,678
1965	79,014	142,208	210,000	19,806	46,190	185,508	60,000	760,000	85,930	173,390
1966	72,960	164,644	240,000	27,484	69,550	114,238	36,800	580,000	97,688	129,950
1967	72,300	105,748	226,000	21,132	51,911	132,238	48,100	672,000	97,224	170,784
1968	75,302	163,378	260,000	21,468	77,334	157,020	72,000	638,000	57,644	178,008
1969	74,933	170,489	290,000	20,436	82,286	126,941	33,200	526,000	51,996	108,471
1970	79,754	157,551	260,000	29,760	101,220	121,511	58,000	718,000	62,751	142,395
1971	83,700	118,237	288,000	16,894	89,384	115,388	50,200	732,000	53,724	106,583
1972	84,082	156,472	330,000	29,684	72,682	106,052	53,000	648,000	46,144	118,770
1973	91,083	180,724	306,000	24,127	93,879	133,260	68,200	788,000	45,642	116,522
1974	83,772	204,953	308,000	22,854	89,818	144,512	79,000	688,000	38,187	118,959
1975	98,088	228,602	388,000	30,546	104,035	119,252	78,000	760,000	45,168	123,836
1976	100,978	149,759	355,000	..	91,272	121,200	62,000	833,630	46,476	135,989
1977	121,093	138,573	334,000	..	98,098	133,354	65,300	918,100	55,860	121,618
1978	138,352	227,711	300,000	..	104,704	182,771	63,000	937,000	50,303	119,841
1979 ^p	109,595	259,515	395,000	..	100,144	141,994	69,000	915,450	47,435	126,865

1) Bulb onions excluding green onions.

Source: SC, *Fruit and Vegetable Crop Reports*.

Ministry of Agriculture and Food, *Seasonal Fruit and Vegetable Report*.

	Unit	1978				1979 ^a					
		Area ¹ Acres	Average Yield per Acre '000's	Marketed Produc- tion '000's	Farm Value ¢/Unit	Total Farm Value ² \$ '000's	Area ¹ Acres	Average Yield per Acre '000's	Marketed Produc- tion '000's	Farm Value ¢/Unit	Total Farm Value ² \$ '000's
Asparagus, fresh & proc.	lb.	2,400	1.6	3,756	66.6	2,503	2,551	1.6	3,983	69.0	2,744
Beans, green & wax fresh mkt.	lb.	1,522	6.2	9,401	24.4	2,291	1,526	5.8	8,792	24.0	2,085
Beans, green & wax - proc. ³	lb.	5,100	4.3	21,800	8.0	1,740	4,800	4.9	23,500	9.0	2,115
Beans, Lima - proc.	lb.	2,000	1.8	3,600	17.5	630	1,500	3.0	4,500	18.6	840
Beets, bunching	lb.	123	9.7	1,195	21.6	258	127	10.0	1,269	23.0	293
Beets, topped	lb.	881	25.7	22,579	3.7	846	852	28.5	23,349	32	748
Broccoli, fresh & proc.	lb.	..	..	..	..	..	475	5.4	2,555	15.6	399
Brussel Sprouts, fresh & proc.	lb.	..	..	..	..	..	454	7.1	3,205	33.8	1,085
Cabbage, fresh & proc.	lb.	3,718	38.3	138,352	5.2	7,160	3,201	35.4	109,595	4.9	5,377
Carrots, fresh & proc. topped	lb.	4,198	61.9	227,711	5.1	11,519	4,440	64.0	259,515	3.2	8,297
Carrots, bunching	lb.	98	12.1	1,183	14.1	167	80	11.2	898	13.5	121
Cauliflowers, fresh & proc.	lb.	2,113	19.4	40,968	12.0	4,914	2,782	19.7	54,746	11.8	6,455
Celery, fresh & proc.	lb.	538	59.8	32,149	9.4	3,007	602	73.9	44,500	5.9	2,641
Corn, sweet - fresh	doz.	5,680	8	4,681	73.4	3,438	6,040	0.8	5,004	74.0	3,700
Corn, sweet - proc.	lb.	32,600	9.2	300,000	2.5	7,410	38,200	10.3	395,000	2.7	10,500
Cucumber, field fresh	lb.	594	22.2	13,204	10.8	1,423	540	18.8	10,144	10.6	1,074
Cucumber, field proc.	lb.	5,450	16.8	91,500	8.1	7,400	5,020	17.9	90,000	9.0	8,100
Cucumber, greenhouse ⁴	doz.	..	..	1,418	301	4,272	..	..	1,887	334.0	6,309
Lettuce, head, fresh	doz.	1,348	1.3	1,727	222	3,834	1,339	1.4	1,854	180.9	3,347
Onions, bunching	lb.	320	15.3	4,888	31.3	1,528	425	14.3	6,064	32.9	1,996
Onions, dry	lb.	5,296	37.8	182,771	5.3 ⁵	9,652 ⁵	5,070	33.4	141,994	5.6	7,905
Parsnips	lb.	320	23.4	6,514	11.1	726	285	21.6	4,433	11.1	490
Peas, green - proc.	lb.	22,000	2.9	63,000	11.3	7,100	21,400	3.2	69,000	12.0	8,300
Peppers, fresh & proc.	lb.	1,434	9.7	13,871	12.2	1,688	1,537	11.5	17,691	12.2	2,151
Potatoes	lb.	44,417	20.9	756,707	4.0	30,243 ⁶	44,965	20.0	774,707	3.2	24,507
Pumpkin & Squash - proc.	lb.	1,359	25.3	34,423	1.2	420	1,200	23.4	28,100	1.4	393
Radishes	lb.	1,355	10.2	13,769	20.4	2,808	1,365	9.4	12,782	20.5	2,616
Rutabagas	lb.	3,852	34.8	119,841	4.1	4,904	4,097	37.9	126,865	3.8	4,860
Spinach, fresh & proc.	lb.	790	7.9	6,265	19.4	1,216	856	7.2	6,208	19.9	1,234
Tomatoes, fresh mkt.	lb.	2,653	19.0	50,303	16.9	8,523	2,770	17.1	47,435	15.6	7,386
Tomatoes, greenhouse	lb.	..	..	29,421	41.8	12,286	..	..	27,429	45.4	12,442
Tomatoes, proc.	lb.	24,700	37.9	937,000	4.1	38,400	23,000	39.8	915,450	4.3	39,300
Total of above		176,859	...	...	...	182,306	181,499	...	...	...	179,810
specified vegetables											

1) Acreage harvested

2) Does not include Federal subsidy payments.

3) Includes Romano beans

4) Source: Ontario Greenhouse Vegetable Growers' Marketing Board.

Source: Ontario Ministry of Agriculture and Food, *Fruit and Vegetable Report*.

Table 16.11
Fruit Production, Acreage and Value, Ontario, 1978-1979

		1978					1979 ^p				
Unit	Area ¹	Total Produc- tion ²	Marketed Produc- tion ³	Farm Value per Marketed Unit	Total Farm Value ⁴	Area ¹	Total Produc- tion ²	Marketed Produc- tion ³	Farm Value per Marketed Unit	Total Farm Value ⁴	
	Acres	'000's	'000's	¢	\$'000's	Acres	'000's	'000's	¢	\$'000's	
Apples	23,919	315,264	314,551	10.8	33,909	24,520	310,025	309,602	10.8	33,516	
Cantaloupes	106	1,641	1,641	10.7	176	114	1,620	1,620	14.3	232	
Cherries, sour	2,301	10,070	9,809	44.6 ^r	4,370 ^r	2,248	17,294	17,109	48.0	8,131	
Cherries, sweet	1,321	4,337 ^r	4,126 ^r	31.5 ^r	1,299 ^r	1,331	4,338	4,150	34.7	1,438	
Grapes	25,420	149,299	148,999	12.3 ^r	18,368 ^r	26,508	141,114	140,714	14.0	19,720	
Peaches	8,616	65,012	62,975	19.3 ^r	12,163 ^r	8,040	54,608	53,590	21.0	11,280	
Pears, Bartlett	2,420	20,899	18,845	15.8 ^r	2,977 ^r	2,416	23,830	22,987	16.0	3,694	
Pears, Kelfer	438	7,070	5,706	6.7 ^r	385 ^r	433	5,944	5,292	6.8	361	
Pears, other	1,023	8,433	8,194	18.1 ^r	1,484 ^r	1,023	8,521	8,089	18.2	1,474	
Plums & Prunes	1,466	5,894	5,661	28.2 ^r	1,594 ^r	1,466	8,933	8,562	23.2	1,987	
Raspberries	563	599	599	118	707	571	681	681	130.0	885	
Strawberries	2,681	17,543	17,543	49.3	8,654	2,762	17,485	17,485	51.7	9,031	
Total of above specified fruits	70,274	...	...	...	86,088	71,432	...	...	...	91,749

1) Acreage harvested.

2) Estimated produce harvested.

3) Estimated sales to fresh markets, and processed.

4) Does not include government subsidy payment.

Source: Ministry of Agriculture and Food, *Seasonal Fruit and Vegetable Report*.

Table 16.12
Fruit Production¹ by Selected Type, Ontario, 1950-1979

	Cherries									
	Apples	Sweet	Sour	Grapes	Peaches	Pears	Plums	Prunes	Rasp-berries	Straw-berries
	'000's lbs.					'000's qts.				
1950	128,746	2,264	11,489	107,730	56,949	24,161	13,802		3,507	8,928
1951	158,008	2,816	14,607	86,708	67,404	28,130	17,981		4,151	9,765
1952	107,469	5,721	12,876	83,894	118,658	36,907	26,576		3,248	9,590
1953	118,193	3,747	12,210	78,268	117,476	37,686	25,646		3,182	9,255
1954	138,188	4,213	21,294	87,102	107,686	33,205	24,311		3,170	7,992
1955	181,665	5,266	27,106	92,760	118,523	44,352	28,796		2,566	7,578
1956	134,651	1,890	14,604	79,184	68,816	40,933	14,029		2,721	7,524
1957	144,940	6,700	18,300	67,100	113,275	19,000	19,000		2,564	6,158
1958	212,418	8,825	22,990	103,874	129,390	43,245	21,115		2,882	6,854
1959	207,138	8,820	12,043	81,800	107,169	38,336	18,015		2,365	6,188
1960	169,226	4,620	12,698	111,838	88,643	44,834	13,373		2,969	9,159
1961	247,985	6,253	26,317	81,634	127,175	40,804	17,010		2,997	7,986
1962	229,419	11,520	10,610	89,014	81,635	53,460	9,374		2,169	5,989
1963	204,876	7,157	10,295	119,317	72,920	23,252	4,461	3,404	2,449	4,500
1964	293,486	12,040	30,224	113,800	107,229	55,075	11,579	5,600	2,358	7,995
1965	242,235	10,600	22,190	125,600	80,300	44,365	14,305	4,156	2,083	7,581
1966	266,990	12,064	13,209	116,400	86,181	55,641	10,264	5,432	1,140	7,692
1967	267,418	10,862	22,745	130,670	60,176	44,723	4,177	5,501	1,413	8,032
1968	273,622	8,200	16,100	109,400	79,428	37,083	6,194	5,844	1,114	8,841
1969	312,447	10,149	21,170	122,873	84,991	42,631	5,511	4,094	1,079	9,837
1970	288,457	6,052	15,143	126,462	90,254	43,402	6,848	5,036	1,064	11,322
1971	299,336	11,319	21,333	168,350	104,822	35,560	8,378	5,258	1,203	11,215
1972	287,756	9,447	17,309	104,382	65,195	51,900	6,517	5,754	982	9,189
1973	204,878	7,157	10,295	119,317	72,920	23,252	4,461	3,573	783	8,786
1974	277,585	5,260	15,512	138,397	86,115	37,349	2,771	4,082	725	8,828
1975	290,780	7,455	16,549	145,244	108,013	47,415	9,167	4,620	601	10,595
1976	260,446	1,864	9,186	160,481	77,187	16,121	5,023	825	589	11,806
1977	284,886	4,388	15,356	121,928	72,135	41,504		9,468	645	14,148
1978	315,264	4,337 ¹	10,070	149,299	65,012	36,402 ¹		5,894	599	17,543
1979 ²	310,025	4,338	17,294	141,114	54,608	38,295		8,933	681	17,485

¹ Total production

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario. Seasonal Fruit and Vegetable Report.*

Table 16.13

Number of Livestock and Poultry on Farms by Class, Canada¹ and Ontario, at June 1, 1950-1974, July 1, 1975-1979

	Livestock					
	Cattle and Calves		Hogs		Sheep and Lambs ²	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
1950	8,342.7	2,372.0	4,371.9	1,800.0	1,578.6	398.0
1951	8,363.1	2,465.9	4,914.3	1,755.5	1,461.2	360.2
1952	9,153.0	2,675.0	5,427.5	1,700.0	1,534.0	385.0
1953	9,806.0	2,840.0	3,970.5	1,260.0	1,592.5	407.0
1954	10,170.0	2,890.0	4,440.0	1,315.0	1,635.6	402.0
1955	10,603.0	2,925.0	4,799.5	1,440.0	1,634.0	400.0
1956	11,011.2	2,901.7	4,730.9	1,548.3	1,619.7	393.8
1957	11,265.0	2,951.0	4,758.0	1,529.0	1,628.5	381.0
1958	10,990.0	2,906.0	5,931.0	1,764.0	1,629.5	380.0
1959	11,058.0	2,915.0	6,519.0	2,056.0	1,608.5	364.0
1960	11,337.0	2,972.0	5,070.0	1,726.0	1,607.0	353.0
1961	11,933.8	3,115.7	5,331.2	1,686.3	1,548.3	341.1
1962	12,067.0	3,247.0	4,981.0	1,823.0	1,449.0	333.0
1963	12,365.0	3,204.0	5,211.0	1,929.0	1,346.0	309.0
1964	12,994.0	3,243.0	5,667.0	1,965.0	1,272.0	292.0
1965	13,260.0	3,252.0	5,147.0	1,829.0	1,132.0	280.0
1966	12,878.8	3,137.0	5,401.3	1,935.6	1,005.5	265.4
1967	12,697.0	3,160.0	6,070.0	2,073.0	922.0	250.0
1968	12,487.0	3,200.0	5,771.0	2,027.0	829.2	227.0
1969	12,366.0	3,205.0	5,809.0	2,042.0	796.0	226.0
1970	12,826.0	3,136.0	7,113.7	2,179.0	796.0	208.0
1971	13,270.9	3,082.0	7,624.1	2,230.5	851.3	216.2
1972	13,736.0	3,102.0	7,045.6	2,157.0	826.8	209.0
1973	14,249.0	3,136.0	7,103.2	2,052.0	778.8	200.0
1974	15,318.0	3,260.0	6,650.7	1,930.0	729.8	195.0
1975	15,622.0	3,233.0	5,469.3	1,789.0	649.6	168.0
1976	15,187.0	3,128.0	5,825.5	1,932.2	562.6	132.0
1977	14,668.0 ¹	3,077.0	6,279.0	2,056.0	534.5	131.0
1978	13,705.0 ¹	2,900.0	7,775.0 ¹	2,730.0 ¹	565.5	144.0
1979	13,672.8	2,935.0	8,638.7	3,040.0	677.4	170.0

Table 16.13 (cont'd)

Number of Livestock and Poultry on Farms by Class, Canada¹ and Ontario, at June 1, 1950–1974, July 1, 1975–1979

	Poultry			
	Hens and Chickens		Turkeys	
	Canada	Ontario	Canada	Ontario
	'000's			
1950	55,779.0	20,739.0	2,500.0	594.0
1951	64,541.0	23,767.0	2,527.0	666.0
1952	59,010.0	21,600.0	3,409.0	800.0
1953	64,918.0	25,455.0	2,885.0	735.0
1954	69,441.0	27,400.0	3,689.0	925.0
1955	65,019.0	25,190.0	3,793.0	1,065.0
1956	67,535.0	24,934.0	4,770.0	1,415.0
1957	71,636.0	28,175.0	5,232.0	1,650.0
1958	72,343.0	27,028.0	6,134.0	1,950.0
1959	71,611.0	26,457.0	7,542.0	2,660.0
1960	67,261.0	24,808.0	6,156.0	2,200.0
1961	69,962.0	24,708.0	7,668.5	2,745.0
1962	65,031.0	23,060.0	6,744.0	2,800.0
1963	67,645.0	24,230.0	6,653.0	2,900.0
1964	71,514.0	25,180.0	6,799.0	2,910.0
1965	70,691.0	24,250.0	7,942.0	3,400.0
1966	75,223.6	25,308.6	8,967.8	4,044.4
1967	78,887.0	26,670.0	8,757.5	3,800.0
1968	78,515.0	26,810.0	8,369.6	3,760.0
1969	86,680.0	29,200.0	9,098.0	4,400.0
1970	94,955.0	31,530.0	10,203.0	4,500.0
1971	90,239.5	31,509.9	9,540.8	3,765.4
1972 ¹	91,140.0	31,800.0	9,033.0	3,866.0
1973	90,832.0	32,718.0	9,052.0	3,532.0
1974	88,280.0	31,023.0	10,354.0	4,084.0
1975	82,175.0	28,708.0	8,330.0	3,856.0
1976 ³	87,277.0	29,972.0	8,804.0	4,076.0
1977	90,011.0	31,364.0	9,083.0	4,194.0
1978	91,789.0	31,327.0	11,049.0	5,206.0
1979	..	..	..	..

1) Excludes Newfoundland.

2) Beginning July 1, 1978, Newfoundland is included in Canada totals.

3) Census figures.

Source: CANSIM, Cattle: Numbers on farms.

Hogs: Numbers on farms.

Sheep and Lambs: Numbers on farms.

Poultry: Numbers on farms.

Table 16.14**Milk Production and Cash Receipts, Sold Off Farms, Ontario, 1977-1979**

	1977	1978	1979
	kilolitres		
Milk production			
Delivered as milk	1,377,431	1,282,277	1,296,708
Delivered as cream	92,297	99,268	90,489
Fluid purposes	973,637	988,926	999,434
Total	2,443,365	2,370,471	2,386,631
	\$'000's		
Cash receipts			
Farm sales of milk and cream ¹			
Delivered as milk	233,570	232,397	267,768
Other	274,548	292,116	335,821
Supplementary payments	91,061	81,444	82,544
Total	599,179	605,957	686,133

1) Farm separated cream expressed in terms of milk equivalent.

Source: CANSIM, *Milk Production and Utilization, by Province*.

Table 16.15
Crop Yields and Acreage, Ontario, 1976-1979

	Yields				Acreage			
	1976	1977	1978	1979	1976	1977	1978	1979
	Bushels per acre				'000's			
Wheat	48.0 ¹	52.0 ¹	41.0	52.0	516	590	335	490
Oats	41.3	48.0	52.0	57.0	545	450	445	405
Barley	42.3	48.0	53.0	57.0	371	320	360	335
Mixed Grain	48.0	54.0	58.0	63.0	826	810	810	790
Grain Corn	85.0	95.0 ¹	82.0	90.0	1,580	1,610	1,680	1,870
Fodder Corn ²	12.9	13.0 ¹	12.0 ¹	13.0	864	865	840	810
Soybeans	24.0	39	27.0	35.0	378	550	705	700
White Beans ¹	12.1	6.0 ¹	11.4	16.1	150	160	148	84
Hay ²	2.5	2.7	2.5	2.8	2,852	2,745	2,850	2,820

1) In hundredweights per acre.

2) In tons per acre.

Source: Ministry of Agriculture and Food, Economics Branch.

Table 16.16
Production and Disposition of Eggs, Ontario, 1973-1978

	1973	1974	1975	1976	1977 ¹	1978
Production:						
Average no. of layers ('000's)	10,623	10,347	9,546	8,921	9,038	8,928
Eggs per 100 layers	21,937	22,638	23,115	23,736	23,709	24,255
Net production ('000's doz.)	194,118	195,129	183,802	176,403	178,569	183,081
Value of production (\$'000's)	107,761	113,028	104,403	115,139	117,222	121,021
Disposition:						
Sold for consumption ('000's doz.)	181,093	182,951	172,518	164,892	166,741	168,000
(\$'000's)	96,331	101,292	91,232	101,507	103,723	105,047
Producer used for consumption						
('000's doz.)	2,449	2,453	2,338	2,179	2,430	2,507
(\$'000's)	1,382	1,525	1,452	1,500	1,750	1,853
Used for hatching						
('000's doz.)	10,576	9,725	8,946	9,332	9,398	9,874
(\$'000's)	10,048	10,211	11,719	12,132	11,749	14,121

Source: Ministry of Agriculture and Food. *Agricultural Statistics for Ontario*.

Table 16.17

Flower Production by Type and Total Value, Canada and Ontario, 1976-1978

	Canada			Ontario		
	1976	1977 ¹	1978	1976	1977 ¹	1978
	Number					
Cut Flowers						
Carnations	19,123,474	17,442,037	13,888,105	13,758,575	12,520,519	11,032,360
Chrysanthemums	33,761,046	34,343,080	38,573,357	25,124,778	25,993,020	29,005,492
Gladioli	1,570,430	820,550	898,120	1,328,146	603,053	627,385
Iris	2,498,329	1,995,457	2,155,768	1,707,595	1,339,235	1,335,558
Narcissus and Daffodils	3,823,284	4,470,949	4,202,717	800,894	851,114	596,344
Peonies	14,569	48,557	2	3	41,112	
Roses	39,170,801	46,152,543	48,567,028	25,495,063	25,865,398	27,425,156
Snapdragons	711,558	843,463	831,452	412,134	586,709	598,137
Tulips	4,304,122	4,090,821	4,272,280	1,897,327	1,627,640	1,590,684
Others	1,684,822	2,395,749	2,558,149	839,774	1,096,764	1,132,672
Potted Plants						
Azaleas	426,412	655,380	579,625	239,771	481,017	390,782
Geraniums	5,227,704	5,283,321	5,423,048	3,328,313	3,488,852	3,584,623
Lilies	794,101	817,274	848,916	516,339	545,101	562,062
Pointsettias	2,057,617	2,010,331	2,257,514	1,309,616	1,233,486	1,310,122
Chrysanthemums	3,469,975	3,305,586	4,346,444	2,173,272	2,045,914	2,528,865
Tropical foliage and green plants	20,659,469	16,183,376	17,894,188	13,158,659	8,932,867	9,338,803
Others	2,654,376	2,388,740	2,455,054	1,491,919	1,536,605	1,419,014
Rooted Cuttings						
Bedding plants	142,529,937	157,446,188	171,606,981	68,963,376	78,147,292	83,747,674
Carnations	2,462,664	1,273,984	1,227,710	2,461,284	1,186,696	1,201,190
Chrysanthemums	38,022,042	42,156,029	21,175,563	37,984,598	42,080,213	21,112,985
Hanging baskets	581,148	1	529,232	424,414	1	241,866
Vegetable plants	54,222,182	63,133,055	67,071,561	29,492,629	35,329,708	35,477,225
Others	5,293,813	6,099,637	3,639,607	4,075,752	5,092,195	3,240,869
Value of ornamental and plant sales (\$)	124,234,268	138,877,672	153,562,573	77,642,509	83,786,963	90,347,530

1) Included in "Other Potted Plants."

2) Included in "Other Cut Flowers."

3) Confidential.

Source: SC, *Greenhouse Industry*, (22:202).

Fisheries and Wildlife

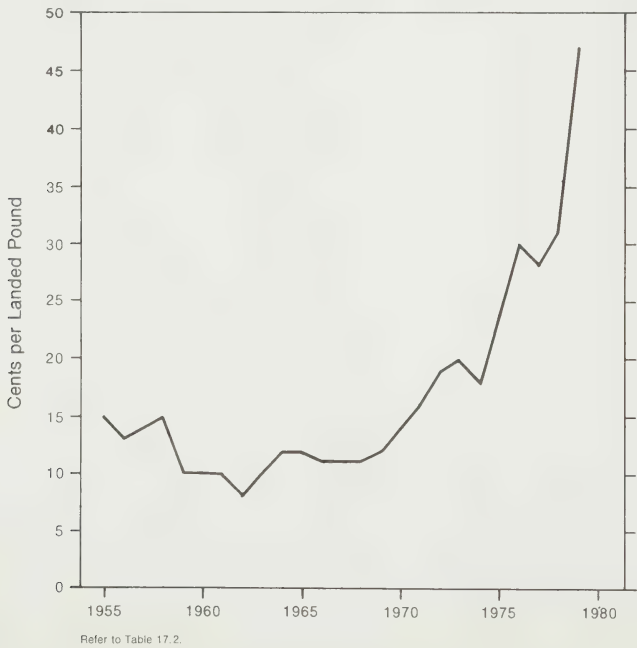
Highlights

- Commercial Fisheries** — In 1979 the value of the Ontario commercial fish harvest was \$25.9 million, representing an increase of 50.8 per cent from 1978; the fish harvest in that same period decreased 1.2 per cent from 56.0 million pounds to 55.3 million pounds. In terms of value of fish harvest, yellow perch represented \$14.0 million, 54.2 per cent of the 1979 total for Ontario. Lake Erie fishery supplied 74.2 per cent of the 1979 Ontario commercial fish harvest in terms of weight. There were 4,547 commercial fishing licences issued in 1979. This represents a 2.3 per cent decrease from the 1978 mark of 46.56 and is 18.5 per cent below the 5,577 high reached in 1970.
 - Sport Fisheries** — In 1979 Ontario sold 673,925 angling licences to non-residents, down 2.0 per cent from 1978. Seasonal licences represented 71.3 per cent of the total angling licences sold to non-residents in 1979. In the absence of a resident angling licence requirement, no data is available regarding Ontario resident anglers.
 - Wildlife** — Small game licences represented 66.7 per cent of the total number of hunting licences sold in Ontario in 1978. The number of small game licences sold in 1978 was 374,601 representing a decrease of 5.9 per cent from the number sold in 1976; the number of deer licences sold to Ontario residents decreased 9.7 per cent to 85,921 from 1977 to 1978 and the number of moose licences sold to Ontario residents increased 4.1 per cent to 77,937 in the same period. The number of licences sold to non-residents rose 15.7 per cent for moose and dropped 60.9 per cent for deer from 1977 to 1978. The total number of deer harvested in 1978 decreased 2.4 per cent to 13,980 from 1977; of the total 1978 deer harvest 96.6 per cent were shot by resident hunters; of the 1978 moose harvested, 89.0 per cent were shot by Ontario hunters.
 - Fur Production** — Of the total Ontario pelt value of \$20.2 million in 1979, beaver pelts represented 30.4 per cent, and muskrat pelts 18.4 per cent of the total. The average beaver pelt value in 1979 was \$36.00 and the average muskrat pelt was valued at \$7.05. Of the 944,682 wild fur pelts exported or tanned in Ontario in 1979, 57.0 per cent were muskrat and 170,635 or 18.1 per cent were beaver. Of the \$20.7 million realized from the pelts, 18.4 per cent came from muskrat pelts and 29.7 per cent came from beaver pelts. The 1979 value (\$20.7 million) of wild fur exported or tanned represented an increase of 76.8 per cent from 1978.
- In Ontario in 1979, there were 226 licenced fur farms representing an increase of 13.0 per cent from 1978. In 1979, Wellington County had 15.0 per cent of the licenced Ontario fur farms followed by Perth County with 11.1 per cent, Niagara with 11.1 per cent, Haldimand with 7.5 per cent and Durham with 5.8 per cent. The total value of ranch-raised fox and mink pelts was \$23.3 million in 1978.

Graph 17.A
Commercial Fish Harvest, Ontario, 1955-1979

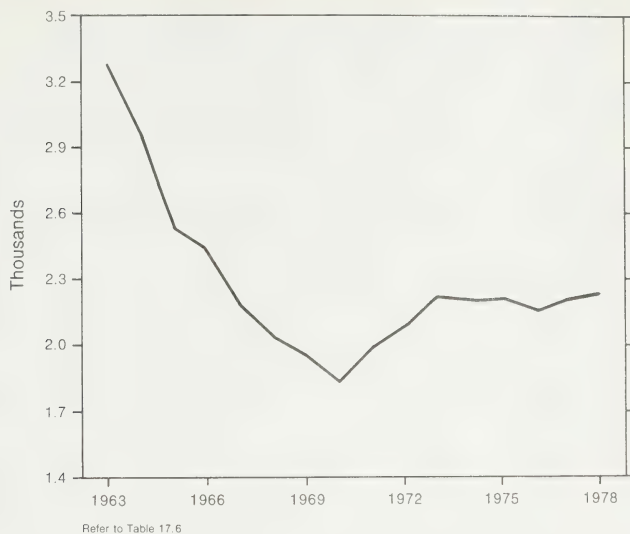


Graph 17.B
Unit Value of Commercial Fish Harvest, Ontario, 1955-1979

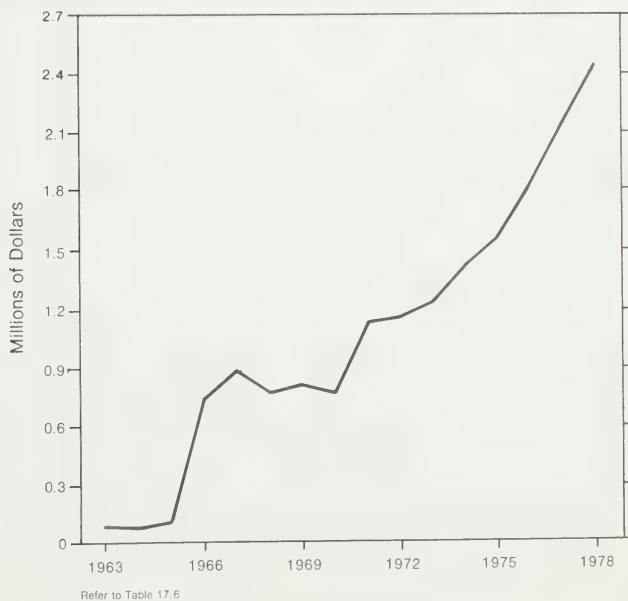


Graph 17.C

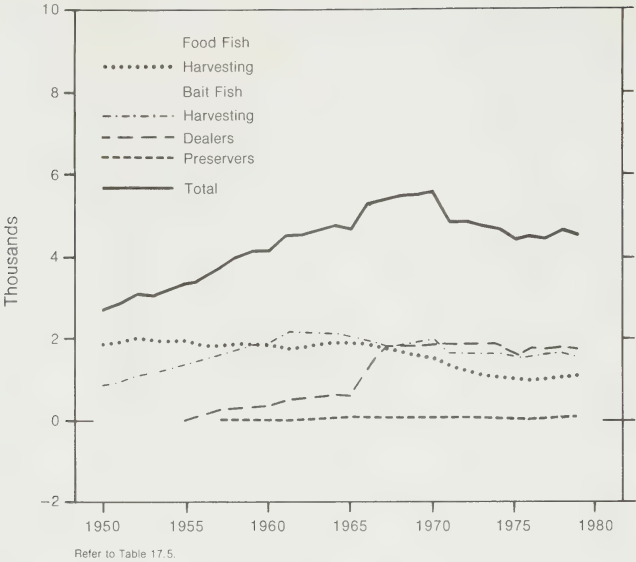
Employment in Commercial Fishery, Ontario, 1963-1978

**Graph 17.D**

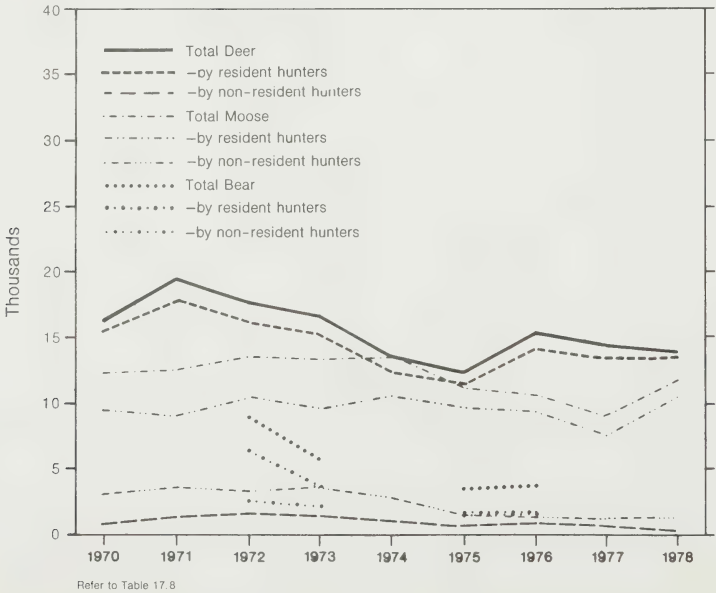
New Investment in Commercial Fishery, Ontario, 1963-1978



Graph 17.E
Commercial Fishing Licences, Ontario, 1950-1979

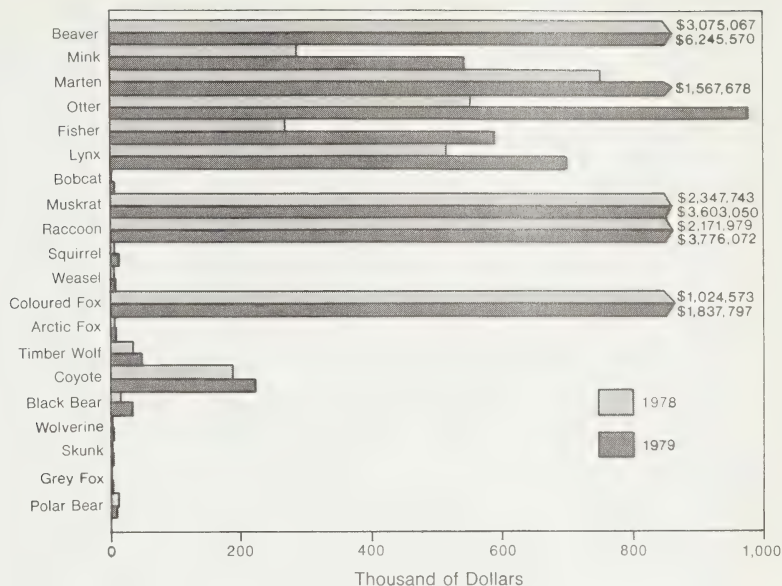


Graph 17.F
Hunting Harvest by Type, Ontario, 1970-1978



Graph 17.G

Total Value of Wild Fur Pelts by Type, Ontario, 1978 and 1979

**Graph 17.H**

Average Pelt Value by Type, Ontario, 1978 and 1979

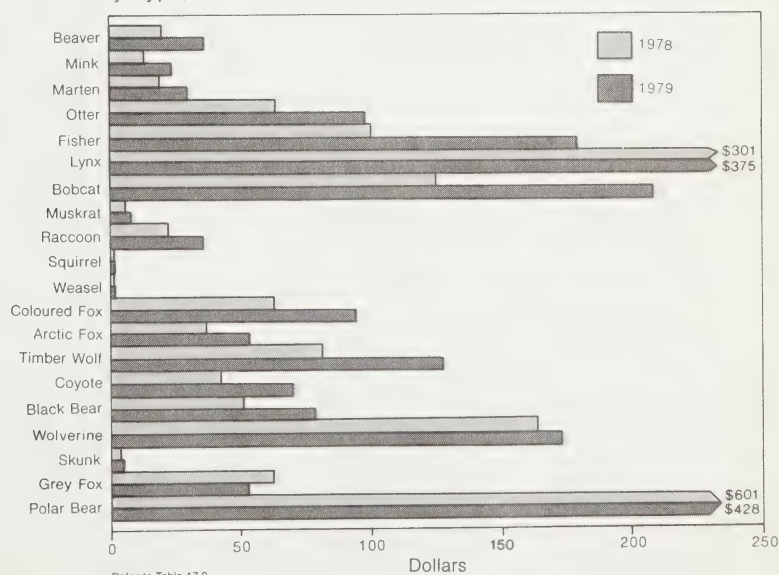


Table 17.1

Number of Angling Licences Sold to Non-Residents, Ontario, 1965-1979

	Seasonal	Three Day	Organized Camp	Canadian Non-Resident	Total
1965	403,894	122,219	7,041	..	533,154
1966	409,539	151,373	10,541	..	571,453
1967	411,768	156,493	10,550	..	578,811
1968	446,468	161,473	7,670	..	615,611
1969	446,024	177,353	6,998	..	603,375
1970	410,854	186,666	7,800	..	605,320
1971	420,835	224,000	7,500	..	652,335
1972	425,001	233,333	7,349	14,469	680,152
1973	464,765	211,600	6,122	19,108	701,595
1974	482,595	161,060	5,969	21,807	671,431
1975	467,776	165,527	5,810	22,637	661,750
1976	454,212	159,839	5,663	24,909	644,623
1977	465,522	164,744	5,612	24,961	660,839
1978	489,577	165,095	5,449	27,813	687,934
1979	480,704	158,815	5,011	29,375	673,925

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Fisheries Branch

Table 17.2

Commercial Fish Harvest, Ontario, 1954-1979

	Landing	Value
	'000's lbs.	\$'000's
1954	47,678.9	7,012.9
1955	45,636.3	6,783.1
1956	59,717.2	7,927.9
1957	51,113.1	7,047.0
1958	47,172.2	7,274.4
1959	48,992.3	4,866.4
1960	47,397.2	4,932.8
1961	54,953.6	5,745.8
1962	63,783.5	5,341.2
1963	54,342.4	5,503.9
1964	43,510.3	5,229.8
1965	52,489.2	6,403.7
1966	56,344.0	5,994.6
1967	52,904.5	5,927.2
1968	55,705.4	5,967.9
1969	63,202.6	7,377.8
1970	46,080.8	6,530.8
1971	42,791.2	6,951.3
1972	43,196.0	8,118.4
1973	53,052.9	10,376.0
1974	53,225.6	9,654.1
1975	45,363.1	11,052.5
1976	41,105.0	12,512.6
1977	51,872.7	14,554.6
1978	56,023.9	17,161.1
1979	55,324.0	25,973.5

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.3
Commercial Fish Harvest by Species, Ontario, 1967-1979

	1967	1968	1969	1970	1971	1972	1973
	'000's lbs.						
Bowfin	19	26	27	39	22	31	51
Bullhead	342	395	473	378	362	344	449
Burbot (Ling)	487	382	416	396	246	311	321
Carp	928	987	1,046	702	770	748	725
Catfish	250	255	220	104	156	156	180
Caviar ¹	...	...	...	...	...	...	...
Chub (Deepwater Cisco)	1,165	681	461	...	...	719	944
Coho	...	...	...	...	...	...	...
Eel	141	181	175	282	802	279	198
Freshwater Drum (Sheepshead)	666	802	451	151	173	...	...
Goldeye	11	2	...	310	103	292	543
Lake Herring (Cisco)	1,935	2,985	2,780	1	1	...	...
Lake Trout	302	301	282	3,060	2,794	2,786	2,447
Lake Whitefish	2,625	2,906	2,957	199	188	165	209
Northern Pike	952	956	871	2,870	2,312	2,200	1,984
Rock Bass and Crappie	...	...	...	752	558	525	647
Round Whitefish (Menominee)	249	276	186	193	199	130	137
Sauger	41	56	57	37	52	67	56
Smelt	82	70	51	57	31	19	28
Sturgeon	12,660	12,490	15,226	9,572	13,551	11,051	17,557
Splake	76	79	90	47	42	29	38
Sucker (Mullet)	...	...	...	...	...	...	...
Sunfish	1,297	1,278	1,274	1,079	797	975	1,085
White Bass	359	400	413	280	299	290	360
White Perch	855	819	925	210	114	1,769	1,512
Yellow Perch	181	231	252	452	641	292	299
Yellow Pickerel (Walleye)	22,731	24,969	30,506	21,320	15,277	16,836	19,075
Animal Food (Unclassified)	3,238	2,765	2,050	1,406	1,154	1,019	1,391
Total Landings	1,313	1,413	2,014	2,184	2,148	2,163	2,817
Total Landed Value (\$'000's)	52,905	55,705	63,203	46,081	42,792	43,196	53,053
	5,927	5,968	7,378	6,531	6,951	8,118	10,376

Table 17.3 (cont'd)

Commercial Fish Harvest by Species, Ontario, 1967-1979

	1974	1975	1976	1977	1978 ¹	1979	1979 ²
	'000's lbs.					\$'000's	
Bowfin	56	57	39	41	37	31	2
Bullhead	477	600	584	625	494	525	199
Burbot (Ling)	387	383	293	462	384	286	6
Carp	631	636	646	480	251	399	78
Catfish	187	265	136	144	192	214	105
Caviar ¹	...	...	...	...	...	...	...
Chub							
(Deepwater							
Cisco)	1,050	1,317	1,612	1,338	1,240	1,106	912
Coho	..	..	..	..	6	48	35
Eel	229	379	348	420	514	502	684
Freshwater							
Drum							
(Sheepshead)	396	408	380	408	369	365	18
Goldeye	1	2	...	2	...	...	...
Lake Herring							
(Cisco)	2,306	2,292	1,449	1,917	2,065	2,200	710
Lake Trout	229	233	231	249	367	367	303
Lake Whitefish	2,359	2,449	2,552	3,211	3,762	2,864	2,353
Northern Pike	725	608	604	693	764	692	309
Rock Bass and							
Crappie	129	187	221	191	178	220	150
Round Whitefish							
(Menominee)	66	91	138	88	89	101	29
Sauger	49	46	28	21	29	35	19
Smelt	16,902	17,333	18,245	23,540	27,332	24,204	2,035
Sturgeon	25	27	35	38	30	32	63
Splake	..	..	..	..	27	20	21
Sucker (Mullet)	1,170	1,333	1,347	1,420	1,191	1,401	96
Sunfish	372	478	391	284	235	284	84
White Bass	2,359	2,580	1,131	1,008	1,680	1,695	763
White Perch	293	387	748	439	508	109	34
Yellow Perch	13,411	9,449	6,119	9,705	10,012	13,053	14,013
Yellow Pickerel							
(Walleye)	1,430	1,377	1,531	2,520	1,880	2,324	2,834
Animal Food							
(Unclassified)	7,987	2,446	2,297	2,595	2,388	2,247	19
Total Landings	53,226	45,363	41,105	51,873	56,024	55,324	...
Total Landed							
Value (\$'000's)	9,654	11,052	12,513	14,555	17,161	...	25,874

1) Caviar included with Sturgeon from 1967.

2) This column shows the dollar value breakdown of Ontario's commercial fish harvest by species.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Fisheries Branch.

Table 17.4
Commercial Fish Harvest by Waters, Ontario, 1962-1979

	Lake Ontario	Lake Erie	Lake St. Clair ¹	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total	Total Value
						'000's lbs.					\$'000's
1962	1,750	44,465	1,031	3,575	348	252	3,146	8,572	644	63,784	5,341
1963	2,046	35,301	1,043	2,948	555	172	2,973	8,440	863	54,342	5,504
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376
1974	2,364	38,686	...	1,730	1,025	616	3,942	4,411	451	53,226	9,654
1975	2,777	30,549	...	1,830	1,142	362	3,769	4,532	402	45,363	11,052
1976	2,914	25,711	...	2,217	1,082	585	3,891	4,310	395	41,105	12,513
1977	2,461	35,854	...	2,371	1,013	502	3,863	5,436	373	51,873	14,565
1978	2,471	40,160	...	2,620	774	385	4,075	5,227	312	56,024	17,161
1979	1,950	41,051	...	1,908	736	467	3,601	4,928	683	55,324	25,874

1) In the late spring of 1970, the commercial fish harvest in Lake St. Clair was closed because of mercury pollution.

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.5
Commercial Fishing Licences, Ontario, 1950-1979

	Food-Fish		Bait-Fish						Total Licences	Total Revenue
	Harvesting		Harvesting ¹		Dealers ²	Preser- vers ³	Revenue from Sale of Licences			
	Licences	Revenue from Sale of Licences	Licences	Revenue from Sale of Licences						
		\$		\$			\$		\$	
1950	1,856	..	866	..	..	..	..	2,722	..
1951	1,911	..	983	..	..	..	..	2,894	..
1952	2,010	..	1,105	..	..	..	..	3,115	..
1953	1,961	..	1,137	..	..	..	..	3,098	..
1954	1,952	..	1,248	..	..	..	..	3,200	..
1955	1,973	..	1,374	..	32	..	320	3,379	..	
1956	1,825	..	1,457	..	188	..	1,880	3,470	..	
1957	1,816	..	1,612	..	256	42	2,770	3,726	..	
1958	1,899	..	1,756	..	324	50	3,490	4,029	..	
1959	1,883	..	1,841	..	387	59	4,165	4,170	..	
1960	1,828	..	1,853	..	419	76	4,950	4,176	..	
1961	1,784	..	2,181	..	510	88	5,540	4,563	..	
1962	1,780	..	2,133	..	557	84	5,990	4,554	..	
1963	1,862	..	2,125	..	591	101	6,415	4,679	..	
1964	1,900	..	2,114	..	651	121	7,115	4,786	..	
1965	1,881	..	2,028	..	613	125	6,755	4,647	..	
1966	1,882	..	1,977	..	1,396	121	14,565	5,316	..	
1967	1,747	..	1,807	..	1,729	124	17,910	5,407	..	
1968	1,689	..	1,859	..	1,805	116	19,240	5,472	..	
1969	1,609	..	1,908	..	1,861	126	19,870	5,504	..	
1970	1,560	..	1,993	..	1,895	129	20,240	5,577	..	
1971	1,267	53,567	1,607	30,509	1,813	126	18,760	4,813	102,836	
1972	1,204	51,133	1,612	31,672	1,876	120	19,360	4,812	102,165	
1973	1,149	52,941	1,611	32,887	1,868	111	19,235	4,739	105,063	
1974	1,116	50,995	1,623	33,687	1,832	110	18,870	4,681	103,552	
1975	1,121	52,155	1,590	32,002	1,606	96	16,540	4,413	100,697	
1976	1,086	53,302	1,595	33,254	1,753	107	18,065	4,541	104,621	
1977	1,056	53,758	1,605	35,945	1,731	98	17,800	4,470	107,503	
1978	1,048	56,064	1,679	39,476	1,832	99	18,815	4,656	114,355	
1979	1,093	56,864	1,549	37,750	1,791	114	18,480	4,547	113,094	

1) Licences to catch bait fish.

2) Licences to buy and sell bait fish.

3) Licences to allow the preserving of bait fish.

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.6
Employment and Investment in Commercial Fishery, Ontario, 1963-1978

	Men	Boats 40' and over	Boats under 40'	Gill Nets '000's yds.	Pound Nets	Trap Nets	Hoop Nets	Seine Nets '00's yds.	Freezers and Ice Houses	Wharves and Piers	Net Sheds	New Invest- ment	Total Value
												\$'000's	
1963	3,271	224	1,718	9,200	745	694	1,943	158	511	439	747	96	10,360
1964	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	89	10,220
1965	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	104	10,076
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131
1974	2,208	176	992	10,302	117	455	1,574	64	326	287	515	1,438	16,779
1975	2,220	198	966	10,117	104	466	1,715	76	355	250	477	1,557	18,253
1976	2,171	207	895	10,855	71	460	1,523	82	327	257	461	1,806	21,651
1977	2,213	209	946	10,643	120	504	1,532	75	303	278	460	2,145	23,770
1978	2,231	206	1,017	12,189	141	473	2,459	79	329	262	447	2,446	27,056

Source: Ministry of Natural Resources, Statistics.
 Ministry of Natural Resources, Fisheries Branch

Table 17.7
Number of Hunting Licences Sold by Type, Ontario, 1953-1978

	Deer		Moose		Bear		Small Game		Total	
	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident
1953	92,785	8,300	5,196	637	..	2,490	256,341	3,810	354,322	15,237
1954	92,800	10,400	7,500	730	..	1,520	284,000	5,300	384,300	17,950
1955	105,150	8,050	9,000	990	..	1,750	318,000	6,010	432,150	16,800
1956	98,079	7,426	13,441	1,521	..	2,031	316,778	5,905	428,298	16,883
1957	106,620	6,743	17,367	1,890	..	2,703	341,838	6,092	465,825	17,428
1958	109,322	6,044	22,688	2,362	..	4,803	377,589	5,503	509,599	18,712
1959	102,960	5,988	26,349	3,431	..	4,089	378,666	6,243	507,975	19,751
1960	114,400	6,004	31,948	4,212	..	3,828	383,205	7,286	529,553	21,330
1961	106,160	5,788	38,977	5,775	..	3,607	377,047	7,103	522,184	22,273
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407
1965	130,636	7,242	42,354 ¹	9,127 ¹	583	2,697	424,806	9,551	616,306	29,547
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023
1970	88,020	5,500	56,198	10,037	1,517	14,585 ¹	361,997	7,500	507,732	37,622
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407
1974	89,149	4,907	83,921	15,614	1,443	8,484	369,624	7,939	544,137	36,944
1975	91,490	4,617	82,750	7,934	1,585	9,115	388,065	8,752	563,890	30,418
1976	86,642	5,017	83,618	7,897	1,869	9,325	384,021	9,046	556,150	31,285
1977	95,114	4,501	74,834	6,392	1,872	8,977	389,014	9,225	560,834	29,095
1978	85,921	1,762	77,937	7,378	2,666	11,247	363,074	11,527	529,598	31,914

¹ Includes spring and fall hunting.

Source: Ministry of Natural Resources, Statistics.

Ministry of Natural Resources, Financial Management Branch.

Table 17.8
Hunting Harvest by Type, Ontario, 1969–1978

	Moose Harvest			Deer Harvest			Bear Harvest ¹		
	By Resident Hunters	By Non-Resident Hunters	Total Harvest	By Resident Hunters	By Non-Resident Hunters	Total Harvest	By Resident Hunters	By Non-Resident Hunters	Total Harvest
1969	8,520	3,830	12,350	16,640	1,470	18,110	..	..	..
1970	9,400	3,070	12,470	15,430	880	16,310	..	..	..
1971	9,060	3,720	12,780	17,980	1,450	19,430	..	..	..
1972	10,320	3,470	13,790	16,070	1,630 ²	17,700 ²	6,330	2,620	8,950
1973	9,770	3,800	13,570	15,140	1,530 ²	16,670 ²	3,680	2,120	5,800
1974	10,510	3,090	13,600	12,530	1,050 ²	13,580 ²	..	..	..
1975	9,770	1,490	11,260	11,740	830 ²	12,570 ²	1,870	1,760	3,630
1976	9,420	1,450	10,870	14,180	930	15,110	1,981	1,836 ^p	3,817 ^p
1977	7,730	1,290	9,020	13,510	810	14,320	..	..	..
1978	10,630	1,320	11,950	13,500	480	13,980	..	..	..

1) Includes bear harvested on moose-bear, deer-bear and moose licences.

2) Includes deer harvested on moose licences.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Wildlife Branch.

Table 17.9
Wild Fur Harvest and Value, Ontario, 1979¹

	Average Pelt Value	Number Trapped	Value
	\$		\$
Beaver	36.00	170,644	6,143,184.00
Mink	24.97	21,704	541,948.88
Marten	30.05	52,169	1,567,678.45
Otter	98.72	9,943	981,572.96
Fisher	179.99	3,300	593,967.00
Lynx	375.59	1,873	703,104.48
Bobcat	208.19	30	6,245.70
Muskrat	7.05	526,890	3,714,574.50
Raccoon	35.94	105,263	3,783,152.22
Squirrel	1.59	7,645	12,155.55
Weasel	1.37	5,694	7,800.78
Coloured Fox	95.47	19,282	1,840,852.54
Arctic Fox	54.43	164	8,926.52
Timber Wolf	127.70	381	48,653.70
Coyote	70.75	3,218	227,673.50
Black Bear	78.95	511	40,343.45
Skunk	4.37	453	1,979.61
Polar Bear	428.65	21	9,001.65
Wolverine	173.42	8	1,387.36
Grey Fox	54.81	3	164.43
Total	..	929,196	20,234,367.28

1) To September 30, 1979.

Source: Ministry of Natural Resources, Wildlife Branch.

Table 17.10
Wild Fur Exported or Tanned, Ontario, 1977-1979¹

	1977 ²		1978 ³		1979 ⁴	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Black Bear	614	47,892	353	17,706	553	43,659
Polar Bear	15	4,900	10	6,019	34	14,574
Beaver	155,203	4,098,911	148,901	3,103,097	170,635	6,142,860
Bobcat	23	2,130	25	3,160	37	7,703
Coyote	2,894	138,507	3,565	150,835	3,531	249,818
Fisher	2,574	295,392	2,690	270,103	3,993	718,700
Arctic Fox	70	3,088	226	8,376	182	9,906
Coloured Fox	12,935	669,386	16,357	1,048,811	20,088	1,917,801
Grey Fox	..	..	..	..	7	384
Lynx	1,188	271,173	1,738	523,138	1,919	720,757
Marten	40,481	715,299	38,179	743,345	52,074	1,564,824
Mink	18,960	303,360	21,583	301,515	20,082	501,448
Muskrat	490,469	2,506,297	480,669	2,605,226	538,810	3,798,610
Otter	9,088	688,961	8,896	577,617	10,143	1,001,317
Raccoon	69,587	1,488,466	96,099	2,240,068	106,798	3,838,320
Squirrel	5,701	3,478	3,548	5,251	8,028	12,765
Weasel	5,121	2,612	3,342	4,512	6,287	8,613
Timber Wolf	1,209	88,015	971	81,224	922	117,739
Skunk	149	224	274	901	550	2,404
Wolverine	9	1,627	8	1,317	9	1,561
Total	816,290	11,329,717	827,434	11,692,220	944,682	20,673,764

1) Year ending June 30.

2) Total royalties collected: \$481,745.

3) Total royalties, collected: \$558,553.

4) Total royalties, collected: \$678,791.

Source: Ministry of Natural Resources, Wildlife Branch.

Table 17.11
Production of Ranch-Raised Fox and Mink Pelts, Ontario 1962-1978

	Fur Farms	Mink		Fox	
		Pelts Produced	Value	Pelts Produced	Value
			\$		\$
1962	500	384,473	5,733,213	603	6,030
1963	505	432,666	6,836,316	413	6,232
1964	498	407,085	5,991,945	435	18,867
1965	493	479,760	7,948,552	407	21,656
1966	491	566,262	6,839,569	539	20,132
1967	477	631,386	7,099,763	690	23,653
1968	417	568,089	7,673,593	674	24,493
1969	385	585,436	6,067,073	600	20,202
1970	352	534,867	5,105,431	547	17,061
1971	290	438,650	5,557,695	583	22,801
1972	253	414,139	6,763,163	642	42,757
1973	235	431,572	7,738,256	679	66,806
1974	212	473,321	7,516,337	950	99,626
1975	183	418,287	8,369,923	931	169,209
1976	184	414,058	10,782,325	1,122	261,953
1977	187	420,743	12,222,584	1,269	380,700
1978	226	453,441	22,672,050	1,281	657,153

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Table 17.12
Licenced Fur Farms, by County, Ontario, 1965-1979

[illegible]

Table 17. 12 (cont'd)
Licenced Fur Farms, by County, Ontario, 1965-1979

	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Norfolk	13	12	10	10	11	11	10	9	8	7	7	7	11	15	11
Northumberland	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-
Ontario	17	15	18	16	15	12	11	9	8	6	5	5	2	1	2
Ottawa-Carleton	-	1	-	-	-	-	-	-	1	1	1	1	1	1	1
Oxford	13	13	13	11	10	11	9	7	7	6	6	5	6	6	6
Parry Sound	6	6	7	5	4	2	2	2	1	-	-	-	-	-	-
Peel	9	10	9	4	4	2	2	2	1	1	1	1	1	1	1
Perth	38	43	42	37	35	33	31	26	28	27	24	23	22	23	25
Peterborough	1	1	2	2	3	3	-	-	-	-	-	-	-	-	2
Prescott	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rainy River	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
Renfrew	-	1	-	-	1	1	-	-	-	-	-	-	-	-	2
Russell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Simcoe	22	23	23	22	19	17	16	14	14	12	11	11	11	12	13
Stormont	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subury	2	2	2	2	1	-	1	-	-	-	-	-	-	-	1
Thunder Bay	8	9	8	7	5	4	2	2	2	2	-	-	-	4	-
Timiskaming	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Toronto ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Victoria	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2
Waterloo	21	21	21	17	15	12	10	10	8	7	6	7	7	8	8
Wellington	43	45	48	47	46	45	38	36	34	33	32	33	32	32	34
Wentworth	16	13	14	11	8	9	9	7	6	5	4	3	4	3	3
York	26	24	22	19	12	8	7	4	4	5	3	3	1	-	-

1) Niagara includes Lincoln and Welland.

2) Toronto included in York.

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Forestry and Mining

Highlights

- **Forestry** — Ontario's primary forest production of 14.0 million cubic metres represented 15.6 per cent of the national total of 89.9 million cubic metres in 1961; however, by 1978, Ontario's share of the national total had diminished to 14.3 per cent or 22.7 million cubic metres. In 1976, Ontario inventory data showed 2.1 billion cubic metres of economically accessible softwoods and 1.6 billion cubic metres of economically accessible hardwoods, 15.4 and 42.0 per cent, respectively, of the national total. Ontario's 1976 allowable cut was 30.3 million cubic metres of softwoods and 35.6 million cubic metres of hardwoods.

Ontario employed 21,305 or 26.8 per cent of all people in the pulp and paper mill industry in Canada in 1971. In 1978, data indicated that this proportion had fallen to 25.9 per cent. In 1977 Ontario had 215 sawmill and planing mill establishments, accounting for 19.0 per cent of all such establishments in the country; and employed 10.3 per cent of the workforce employed by this industry throughout Canada. In 1978 there were 225 sawmills and planing mills in Ontario representing 18.4 per cent of such mills in Canada. The Ontario mills employed 6,888 workers or 10.4 per cent of the Canadian total.

Paper production in Ontario rose by 46.8 per cent to 3.7 million tons from 1961 to 1978. In 1978 newsprint accounted for 50.1 per cent of the total Ontario production of paper, followed by printing and writing paper with 22.5 per cent, paper board with 20.9 per cent, and wrapping paper with 2.2 per cent.

In 1977, 770.5 million cubic feet of merchantable timber were utilized in Ontario, an increase of 22.0 per cent from the previous year. In 1978 utilization rose to 802.9 million cubic feet an increase of 4.2 per cent from the 1977 total.

Of the 9,549 forest fires in Canada in 1978, 940 or 9.8 per cent were in Ontario. The Ontario forest fires burned 7,524 hectares or 1.0 per cent of the Canadian total.

- **Mining** — From 1970 to 1979 the value of mineral production rose 105.7 per cent of \$3.3 million. Nickel and copper recorded the highest output values of all minerals mined in 1979 in Ontario. Nickel had a 1978 value of \$474.6 million, and copper had a 1978 value of \$324.0 million. Data for 1979 showed values of \$604.5 million and \$435.2 million respectively.

1979 preliminary data showed the production value of metallics was the highest of any mineral in Ontario, accounting for \$2.5 million or 77.4 per cent of the total value of \$3.3 million.

The value of non-metallic minerals in Ontario has increased from \$94.1 million in 1978 to \$103.5 million in 1979. Ontario's percentage of the Canadian total fell from 6.4 per cent in 1978 to 5.6 per cent in 1979.

The total value of structural materials produced in Canada in 1979 was \$1.7 billion of which Ontario accounted for 34.9 per cent. Within Ontario in 1979, cement had the highest value, \$217.0 million, representing 35.8 per cent of the total value; the value of sand and gravel was next at 26.8 per cent of the total.

Definitions

Forest Land — The 1973 National Forest Inventory reported an area of 1,259,192 sq. miles of forest land. Of this, 59,742 sq. miles are reserved by legislation for primary uses other than timber production.

On the basis of present inventories, it is estimated that the balance is comprised of 607,081 square miles of primary forest land, 76,637 square miles of secondary forest land and 515,732 square miles of tertiary forest land. Primary forest land is normally located within 50 miles of a designated or existing major wood conversion centre. Secondary forest land is located beyond 50 miles but less than 75 miles and tertiary forest land is more than 75 miles, from a wood-using centre.

Total Wood Volume — Is calculated from inventories taken in productive forest land. Three access categories are used in describing this resource; these are economically accessible, economically inaccessible and reserved. (see below).

Allowable Cut – The volume of wood that may be harvested under management for a given period.

Productive Forest Land – Stocked land that is capable of producing a merchantable stand within a reasonable length of time.

Economically Accessible – Forest management units from which the annual allowable cut can be profitably harvested (at the time of the survey).

Economically Inaccessible – Forest management units from which the annual allowable cut cannot be profitably harvested (at the time of the survey).

Reserved Land – Forest land that, by law, is not available for the growing and harvesting of forest crops (this includes such areas as parks, wilderness areas, fragile areas and restricted zones).

The Logging Industry – The Logging Industry includes establishments primarily engaged in felling and bucking, bunching, yarding, forwarding, decking and loading of roundwood and establishments primarily engaged in the recovery of lost logs including sinkers. Establishments primarily engaged in transporting wood with specialized logging trucks and in driving, booming, sorting, rafting and towing of wood – if not licensed as public carriers – are included also, as are barking mills engaged in producing barked or rossed pulpwood.

Establishment – Smallest operating unit of reporting certain specified input and output data. The number of establishments represents the number of operating units that are principally engaged in logging activities. These units do not represent the total number engaged in logging operations. Numerous logging operations are conducted by establishments classified to other industries, (e.g. the planing and sawmill industry) and by farmers and other individuals.

Employees – Production and related workers – Logging Activity – In addition to those engaged in production, they include employees engaged in maintenance, repair, janitorial, cooking and watchman services and working foremen engaged in similar work to that of the employees they supervise. Beginning with 1976, the average number of production and related workers engaged in logging is calculated by dividing the reported number of man-hours paid during the year by 1920 in British Columbia and 2000 in the other provinces. It should be noted that the division of hours paid into production and related workers' payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

Materials and Supplies - Logging activity – Figures represent quantities and laid down cost values, at the establishment level, of materials and supplies purchased during the year for use in logging activities and related processes. This includes purchases of food, van supplies, etc. as well as payments for stumpage and royalties. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc., are not included) whether purchased from others or received as transfers from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts paid to others for logging work done on a contract basis. Cost of repairs or maintenance done by outside contractors is not included.

Value of Shipments – These figures represent deliveries of wood produced either by the reporting establishment or by contractors on the basis of a charge to the reporting establishment for work done as well as wood purchased from various sources. Included are revenue from repair work and amounts received in payment for work done on materials owned by other establishments.

All products shipped from the establishment are covered, including transfer shipments to other logging establishments or to log supply divisions, sawmills, shingle mills, veneer and plywood mills, pulp and paper mills, etc., of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of allowances, sales tax, excise taxes and duties, and charges for outward transportation by common or contract carriers. Transportation or delivery expenses incurred by the reporting establishment's own carriers are included.

Value Added –

(a) By logging activities

Figures are compiled by deducting the cost of the purchases of logging materials, supplies, etc. and fuel and electricity from the value of shipments (adjusted for changes in the value of inventories).

(b) By total activities

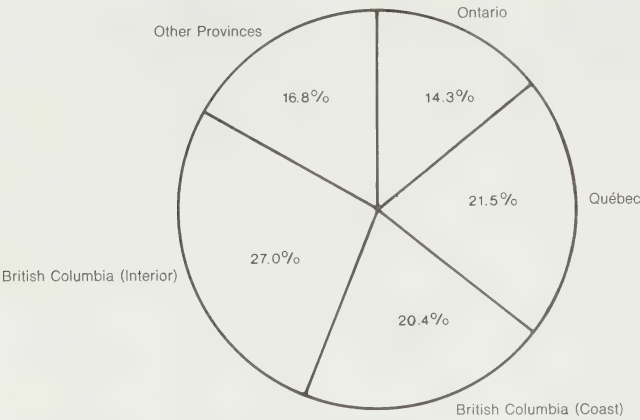
Consists of: (1) value added, logging activity and (2) value added, non-logging activity. The latter is calculated by subtracting relevant commodity inputs from non-logging revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-logging revenues include depreciable fixed assets produced by own work force

for own use, revenue from sale of purchased wood residue (wood chips, etc.) but exclude non-operating revenue such as real property rentals, dividends, interest.

Logs and Bolts — The category Logs and Bolts includes considerable quantities of logs which will be used as pulpwood and, as a consequence, the category pulpwood appears to be smaller than it ought to be. This is due to the fact that many integrated operations in reporting production and deliveries do not distinguish between sawlogs, veneer logs and pulpwood. While this is most prevalent in British Columbia, a similar practice is developing in some of the other provinces.

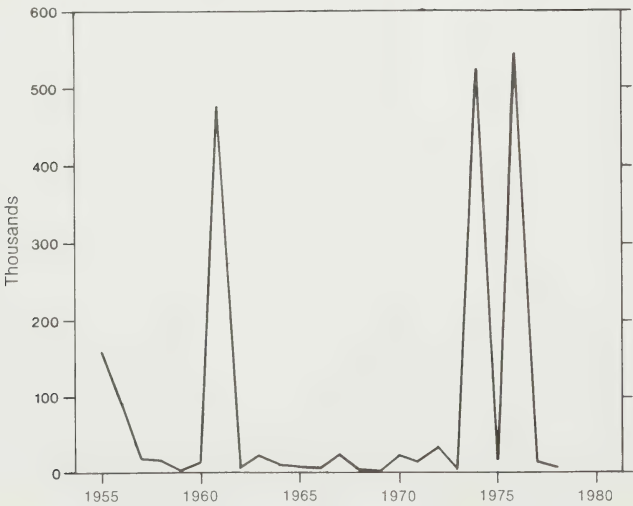
Cunit — One hundred cubic feet of solid wood excluding bark.

Graph 18.A
Estimates of Primary Forest Production, Canada, Ontario, Québec
and British Columbia, 1978



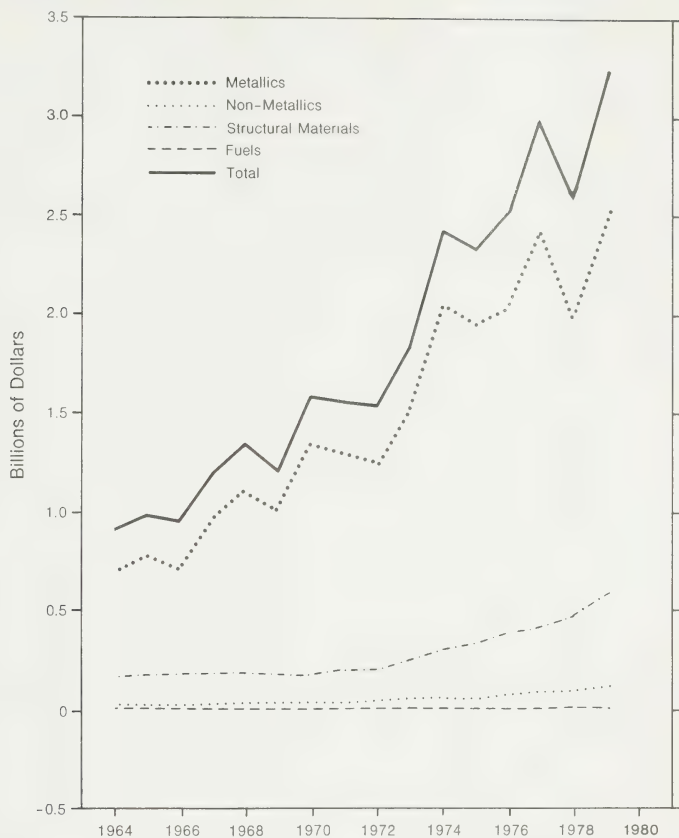
Refer to Table 18.1

Graph 18.B
Forest Fires, Hectares Burned, Ontario, 1955-1978



Refer to Table 18.9

Graph 18.C
Value of Mineral Production, Ontario, 1964-1979



Refer to Table 18.11

Table 18.1

Estimates of Primary Forest Production, Canada, Ontario, Québec, and British Columbia
1950-1978

	British Columbia ¹				
	Canada	Ontario	Québec	Coast	Interior
	'000's of cubic metres				
1950	85,625	14,622	27,708		23,577
1951	97,321	17,003	32,331		24,417
1952	90,776	15,982	28,176		25,773
1953	87,171	14,278	26,662		27,339
1954	88,424	14,082	28,439		28,209
1955	92,892	15,350	27,870		30,607
1956	98,081	15,501	30,417		31,433
1957	89,836	16,001	25,642		29,525
1958	80,844	13,694	23,132		28,287
1959	90,238	15,053	24,841		33,247
1960	93,267	15,330	24,919		33,980
1961	89,925	13,991	25,887		33,051
1962	92,830	14,710	24,810		38,032
1963	99,772	15,153	25,872	23,069	18,658
1964	102,716	16,136	26,425	23,462	19,431
1965	103,670	16,061	26,499	24,308	19,110
1966	109,004	17,018	28,151	25,765	19,616
1967	107,572	17,193	28,310	25,489	19,047
1968	112,505	16,736	27,908	27,890	20,323
1969	121,884	17,605	30,021	28,162	25,365
1970	121,433	16,803	28,902	28,836	25,896
1971	119,714	15,841	26,584	28,402	28,155
1972	124,130	17,361	27,827	24,705	31,746
1973	143,806	18,446	29,350	32,726	37,411
1974	137,929	18,868	32,712	27,876	32,210
1975	115,263	14,215	28,407	21,366	28,711
1976	140,274	17,879	29,062	32,197	37,332
1977	148,518	21,818	31,063	28,557	41,413
1978	158,444	22,736	34,079	32,329	42,835

1) Figures from British Columbia Forest Service beginning with 1960

Source: SC, *Canadian Forestry Statistics*.

Table 18.2
Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1971-1978

	1971		1972		1973		1974	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	142	37	141	37	146	37	147	37
Manufacturing Activity								
Production and related workers								
Number	61,426	17,132	61,196	16,970	61,783	17,326	66,584	18,087
Manhours paid ('000's)	130,766	35,946	131,426	36,224	131,688	36,562	142,883	37,848
Wages (\$'000's)	546,239	144,593	594,291	157,759	645,084	174,969	802,836	203,864
Cost of fuel and electricity (\$'000's)	232,985	58,158	244,370	61,944	270,637	67,593	409,152	84,395
Cost of materials and supplies (\$'000's)	1,363,567	339,829	1,483,871	358,824	1,700,933	406,916	2,306,718	556,363
Value of shipments of goods of own manufacture (\$'000's)	2,832,267	728,289	3,127,821	778,067	3,790,939	932,061	5,700,192	1,347,587
Value added (\$'000's)	1,272,551	330,373	1,374,129	355,675	1,803,889	450,338	3,033,697	717,581
Total Activity								
Total Employees								
Number	79,397	21,305	78,969	21,044	80,085	21,271	86,203	21,909
Salaries and wages (\$'000's)	745,608	190,348	808,869	206,929	884,242	227,160	1,097,108	265,286
Value added (\$'000's)	1,276,837	331,835	1,380,052	356,799	1,812,569	451,839	3,048,775	721,076

Table 18.2 (cont'd)

Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1971-1978

	1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	147	37	147	37	145	37	144	37
Manufacturing Activity								
Production and related workers								
Number	64,329	16,417	66,946	17,302	64,930	17,329	66,039	17,797
Manhours paid ('000's)	117,176	26,570	139,464	37,757	135,108	35,774	138,834	36,790
Wages (\$'000's)	754,892	164,662	1,033,475	237,708	1,130,432	295,510	1,253,127	320,308
Cost of fuel and electricity (\$'000's)	398,692	82,775	546,273	131,311	667,543	181,396	798,068	210,538
Cost of materials and supplies (\$'000's)	2,191,527	440,049	2,732,640	579,398	2,910,869	740,843	3,255,085	828,876
Value of shipments of goods of own manufacture (\$'000's)	5,122,093	1,031,210	5,992,723	1,236,886	6,636,533	1,603,037	7,648,960	1,780,255
Value added (\$'000's)	2,569,050	503,784	2,845,278	540,709	3,056,481	681,778	3,503,545	742,298
Total Activity								
Total Employees								
Number	84,046	20,912	86,995 ¹	21,693	84,533	21,604	85,601	22,177
Salaries and wages (\$'000's)	1,091,675	233,645	1,415,843	315,867	1,541,355	383,016	1,696,769	419,289
Value added (\$'000's)	2,601,472	517,889	2,876,446	548,492	3,069,757	688,718	3,507,541	744,923

Source: SC, *Canadian Forestry Statistics*

Table 18.3Principal Manufacturing Statistics for Sawmills and Planing Mills (excluding Shingle Mills),
Canada and Ontario, 1975-1978

	1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	1,368	240	1,213	222	1,132	215	1,226	225
Manufacturing Activity								
Production and related workers								
Number	40,788	4,508	47,838	4,642	51,532	5,156	56,101	5,752
Manhours paid ('000's)	84,899	9,530	100,890	9,846	107,850	11,071	117,730	12,259
Wages (\$'000's)	462,430	41,903	641,722	49,421	774,805	61,285	906,274	74,847
Cost of fuel and electricity (\$'000's)	51,179	5,796	68,897	7,324	87,687	9,416	106,643	11,727
Cost of materials and supplies (\$'000's)	1,113,447	101,059	1,668,975	122,226	1,925,124	146,030	2,425,968	187,757
Value of shipments of goods of own manufacture (\$'000's)	1,996,856	180,044	2,878,325	222,918	3,672,730	290,277	4,693,644	396,084
Value added (\$'000's)	849,323	85,680	1,262,426	99,427	1,718,629	136,493	2,256,605	197,297
Total Activity								
Working owners and partners								
Number	633	114	494	98	430	91	498	109
Withdrawals ('000's)	...	...	...	...	...	...	...	...
Employees								
Number	49,156	5,444	56,408	5,660	60,445	6,221	66,457	6,888
Salaries and wages (\$'000's)	577,555	54,694	774,169	64,385	930,247	78,341	1,098,329	95,015
Value added (\$'000's)	850,833	86,123	1,267,925	100,125	1,722,880	136,414	2,259,951	197,672

Source: SC, *Canadian Forestry Statistics*.

Table 18.4Total Wood Volume¹ and Allowable Cut, by Species, Canada and Ontario, 1976

	Economically Accessible	Economically Inaccessible	Reserved Land	Allowable Cut
Millions of cubic metres				
Canada ²				
Softwoods	13,514	1,688	370	..
Spruce	4,759	929	122	..
Balsam Fir	2,581	111	53	..
Douglas Fir	505	..	26	..
Hemlock	1,806	31	53	..
White Pine	179	..	2	..
Jack and Lodgepole Pines	2,413	288	75	..
Ponderosa and Red Pine	43	..	--	..
Cedar ³	1,180	4	37	..
Other softwoods ⁵	49	3 ⁴	1	..
Hardwoods	3,715	361	50	..
Poplar	1,353	81	7	..
White Birch	964	67	6	..
Yellow Birch	289	2	--	..
Maple	358	--	--	..
Beech	45	..	..	..
Ash	22	..	--	..
Other hardwoods ⁵	684	146	36	..
Total - All species	17,230	2,049	420	276
Ontario				
Softwoods	2,079	510	--	30 ⁶
Spruce	1,085	392	..	..
Balsam Fir	237	30	--	..
Douglas Fir	-	-	--	..
Hemlock	40	..	..	..
White Pine	101	..	--	..
Jack and Lodgepole Pines	485	85	..	..
Ponderosa and Red Pine	32	..	..	..
Cedar ³	85	1	..	..
Other softwoods ⁵	4	2 ⁴	..	..
Hardwoods	1,562	119	--	36 ⁶
Poplar	719	77	..	..
White Birch	417	42	..	..
Yellow Birch	119	..	..	..
Maple	206	..	..	..
Beech	17	..	..	..
Ash	17	..	..	..
Other hardwoods ⁵	65	..	..	..
Total - All species	3,638	629	--	66 ⁶

1) All maturity classes, on inventoried productive forest land.

2) Does not include data for the Yukon and Northwest Territories for which figures are not available nor approximately 179,000 km² of forest land for Québec's forest inventory which remains to be compiled.

3) Includes eastern white, western red and yellow cedar.

4) Figure is for Larch; other softwoods are not available.

5) Does not include some species for which figures are not available.

6) Does not include Federal crown land for which figures are not available.

Source: Fisheries and the Environment Canada, Canadian Forestry Service.

Table 18.5

Shipments of Roundwood by the "Logging Industry", Canada and Ontario, 1973-1978

Product	1973		1974		1975	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	\$'000's	cunits	\$'000's	cunits	\$'000's
Canada	45,469,356	2,037,648	43,917,879	2,191,249	34,784,474	1,914,618
Logs and bolts	29,963,971	1,419,152	26,906,851	1,387,540	21,127,071	1,124,917
Pulpwood	15,400,561	610,976	16,868,441	791,255	13,508,219	775,312
Poles and piling	86,608	6,811	111,419	10,696	98,054	11,261
Other roundwood	18,216	709	31,168	1,758	51,130	3,128
Ontario	5,555,199	221,712	5,804,915	281,102	4,090,399	243,339
Logs and bolts	1,182,759	44,416	1,262,575	53,865	1,067,429	56,584
Pulpwood	4,359,503	176,580	4,528,187	226,326	2,987,667	184,295
Poles and piling	5,476	445	-	-	-	-
Other roundwood	7,461	271	14,153	911	35,303	2,460

Table 18.5 (cont'd)

Product	1976		1977		1978	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	\$'000's	cunits	\$'000's	cunits	\$'000's
Canada	41,621,816	2,557,529	41,881,377	2,768,730	44,032,205	3,207,319
Logs and bolts	28,133,595	1,699,311	29,056,654	1,875,279	30,462,508	2,228,398
Pulpwood	13,488,221	858,218	12,737,096	882,674	13,470,055	964,786
Poles and piling	- ¹⁾	- ¹⁾	87,627	10,777	98,116	14,033
Other roundwood	- ¹⁾	- ¹⁾	- ¹⁾	- ¹⁾	1,526	102
Ontario	4,584,776	306,995	5,227,321	373,391	5,606,823	428,042
Logs and bolts	1,075,044	64,343	1,501,071	93,925	1,682,049	117,557
Pulpwood	3,509,732	242,652	3,726,250	279,466	3,923,248	310,383
Poles and piling	- ¹⁾	- ¹⁾	- ¹⁾	- ¹⁾	-	-
Other roundwood	- ¹⁾	- ¹⁾	- ¹⁾	- ¹⁾	1,526	102

¹⁾ Included with logs and bolts.Source: SC, *Canadian Forestry Statistics*.

Table 18.6

Volume of Paper Production by Kind, Ontario, 1950-1978

	Newsprint	Paper Board	Printing and Writing Paper	Wrapping Paper	Tissue Paper ¹	Other Paper	Total Paper Production
							'000's tons
1950	1,240.1	417.4	137.6	62.7	27.5	18.4	1,903.3
1951	1,285.9	442.5	169.0	66.7	36.6	18.5	2,019.2
1952	1,296.8	408.0	153.2	56.5	31.5	17.4	1,963.4
1953	1,297.7	434.7	170.0	61.9	37.2	17.3	2,018.8
1954	1,345.7	420.7	177.0	68.7	39.3	15.6	2,067.0
1955	1,427.0	474.7	193.1	74.4	40.9	15.0	2,225.1
1956	1,471.8	507.6	224.4	74.4	45.5	13.8	2,337.5
1957	1,487.4	491.4	226.1	68.4	49.5	14.7	2,337.5
1958	1,465.3	515.8	233.9	71.4	53.0	15.8	2,355.2
1959	1,495.0	532.0	262.0	74.0	54.0	14.0	2,431.0
1960	1,608.0	538.0	266.0	74.0	51.0	13.0	2,550.0
1961	1,598.0	483.0	275.0	70.0	53.0	12.0	2,491.0
1962	1,602.3	524.2	292.4	72.5	50.8	15.5	2,557.8
1963	1,566.7	536.2	314.9	78.8	52.6	13.9	2,563.1
1964	1,714.2	579.2	323.0	83.7	52.6	15.8	2,768.4
1965	1,743.4	581.2	344.7	85.7	51.2	12.8	2,819.1
1966	1,848.9	541.8	430.9	86.7	53.2	18.7	2,980.2
1967	1,815.8	548.9	424.4	84.9	...	72.5	2,946.5
1968	1,759.8	555.6	447.7	92.2	...	97.9	2,953.1
1969	1,923.8	574.1	469.4	95.1	...	119.2	2,181.7
1970	1,856.6	593.2	532.6	75.6	...	120.0	3,178.0
1971	1,773.6	638.0	513.6	77.4	...	116.4	3,119.0
1972	1,790.5	687.8	561.7	68.2	...	127.1	3,235.3
1973	1,950.2	801.0	573.1	92.1	...	145.7	3,562.6
1974	1,960.1	829.0	698.3	100.8	...	163.8	3,752.0
1975	1,256.9	462.4	408.0	57.5	...	129.3	2,314.1
1976	1,554.9	601.0	460.3	61.1	...	179.9	2,857.2
1977	1,775.0	690.0	708.9	75.0	...	153.3	3,402.2
1978	1,833.0	765.0	821.0	82.0	...	156.0	3,657.0

1) Incorporated in "Other Paper" category after 1966.

Source: SC, *The Pulp and Paper Industry*.

Table 18.7
Depletion of Forest Resources, Ontario, 1972-1978

	1972	1973	1974	1975	1976	1977	1978
'000's of cubic feet of merchantable timber							
Utilization							
Logs and bolts ¹	215,000	224,500	212,500	186,000	260,000	339,500	361,500
Pulpwood	365,500	393,500	420,000	280,000	332,000	394,000	394,500
Other							
roundwood	7,100	7,200	5,300	5,000	6,800	5,500	4,900
Industrial wood - Total	587,600	625,200	637,800	471,000	598,800	739,500	760,900
Non-industrial wood ²							
Total	25,500	26,200	28,500	31,000	32,500	31,500	42,000
Total	613,100	651,400	666,300	502,000	631,300	770,500	802,900
Fire losses	63,065						
Depletion							
Volume ³	676,165	651,400	666,300	502,000	631,300	770,500	802,900

1) Includes some pulpwood.

2) Includes fuelwood and wood for charcoal.

3) The figures for depletion do not include wastage caused by agencies other than fire such as insects, diseases and natural mortality, for which no reliable estimates are available.

Source: SC, *Canadian Forestry Statistics*.

Table 18.8
Forest Fires by Cause, Ontario, 1962-1978

	Recreation	Settle- ment	Woods Operations	Rail- roads	Other Industries	Incen- diaries	Light- ning	Miscellaneous	
								Known	Unknown
1962	674	113	26	76	9	40	295	279	9
1963	811	313	11	93	66	36	319	216	20
1964	601	244	19	75	56	36	591	198	9
1965	404	204	20	118	54	15	202	191	10
1966	719	224	15	117	73	18	538	205	12
1967	567	203	10	176	38	23	198	236	14
1968	356	262	18	141	44	32	79	270	17
1969	256	128	7	78	21	9	202	191	9
1970	363	150	3	125	20	21	403	140	14
1971	702	192	24	152	49	27	339	282	23
1972	346	206	13	175	35	29	528	252	20
1973	357	164	13	149	30	25	173	165	35
1974	412	223	17	158	22	19	546	177	51
1975	966	281	38	288	54	43	1,043	353	80
1976	816	251	33	359	32	55	2,086	281	72
1977	530	280	18	257	32	55	524	310	40
1978	359	91	19	147	21	35	165	87	16

Source: Forest Fire Research Institute, Canadian Forestry Service

Table 18.9**Forest Fires, Canada and Ontario 1950-1978**

	Canada		Ontario	
	Number of Fires	Area Burned	Number of Fires	Area Burned
		Hectares		Hectares
1950	5,436	1,201,863	985	14,885
1951	4,658	626,465	904	40,973
1952	4,946	462,978	1,095	5,027
1953	6,551	1,452,007	1,520	23,800
1954	3,064	564,914	881	22,134
1955	6,348	651,395	2,252	160,432
1956	4,639	853,450	1,017	91,548
1957	5,728	365,574	1,671	18,880
1958	6,814	1,995,671	1,558	14,833
1959	4,874	279,591	1,029	2,137
1960	7,346	644,873	956	12,702
1961	8,655	3,769,165	1,305	479,459
1962	6,285	349,493	1,521	5,586
1963	7,670	190,209	1,885	22,719
1964	6,944	1,211,384	1,829	11,382
1965	7,238	210,909	1,218	8,055
1966	7,468	463,154	1,921	5,834
1967	8,650	895,178	1,465	25,699
1968	7,301	895,037	1,219	3,829
1969	6,633	943,509	901	365
1970	9,253	1,058,843	1,239	22,728
1971	9,173	1,695,013	1,790	14,650
1972	8,227	780,037	1,604	32,030
1973	7,665	1,272,564	1,111	3,607
1974	8,153	832,752	1,625	523,936
1975	11,286	920,941	3,146	16,857
1976	10,262	1,813,105	3,985	544,126
1977	8,960	1,438,194	2,049	15,547
1978	9,549	687,430	940	7,524

Source: Forest Fire Research Institute, Canadian Forestry Service.

Table 18.10

Forest Fires by Size Class, Canada and Ontario, 1950–1978

	Canada					Ontario				
	Hectares					Hectares				
	Under 0.1	0.1 to 4.0	4.1 to 40.0	40.1 to 200	Over 200	Under 0.1	0.1 to 4.0	4.1 to 40.0	40.1 to 200	Over 200
1950	1,726	2,110		1,288	312	260	518	198		9
1951	1,813	1,708		884	253	329	428	115	21	11
1952	1,868	1,999	633	254	192	391	581	103	16	4
1953	2,226	2,827	852	356	290	500	821	146	33	20
1954	1,225	1,330	326	94	89	354	428	81	9	9
1955	2,515	2,614	659	318	242	846	1,124	188	52	42
1956	2,039	1,680	452	204	264	395	502	66	26	28
1957	2,223	2,408	727	220	150	575	861	187	37	11
1958	2,875	2,568	788	224	359	490	861	178	20	9
1959	2,065	1,861	555	230	163	470	493	56	9	1
1960	3,270	2,804	674	275	323	416	448	59	23	10
1961	3,897	2,984	888	337	549	502	639	112	12	40
1962	2,866	2,584	535	183	117	670	744	84	17	6
1963	3,662	2,883	753	242	130	693	955	198	30	9
1964	2,884	2,900	711	216	233	845	829	122	22	11
1965	3,644	2,728	571	192	103	572	560	70	13	3
1966	3,673	3,032	479	167	117	998	834	70	14	5
1967	3,987	3,202	744	319	398	630	712	99	16	8
1968	3,489	2,780	620	235	177	481	602	118	17	1
1969	3,332	2,512	454	164	171	474	383	36	6	2
1970	4,695	3,438	731	185	204	645	508	61	11	14
1971	4,535	3,394	697	244	303	894	755	108	17	16
1972	3,632	3,363	722	257	253	703	757	97	26	21
1973	3,640	2,960	558	205	302	523	534	43	6	5
1974 ¹	3,973	2,959	633	166	140	711	713	112	29	60
1975 ¹	5,544	4,292	828	208	161	1,426	1,444	222	39	15
1976 ¹	4,629	3,720	889	333	348	1,957	1,625	224	78	101
1977 ¹	3,981	3,746	839	169	225	811	1,006	157	29	46
1978 ¹	5,525	3,131	595	202	96	470	390	57	18	5

¹ Figures for Canada do not include Newfoundland.

Source: Forest Fire Research Institute, Canadian Forestry Service.

Table 18.11**Value of Mineral Production, Ontario, 1960-1979**

	Total ^r	Metallics ^r	Non-Metallics	Fuels	Structural Materials ^r
			\$Million		
1960	983.1	817.8	25.3	9.7	130.3
1961	944.1	781.2	23.6	9.2	130.1
1962	913.5	729.9	27.3	9.5	146.8
1963	874.3	683.6	26.9	9.5	154.2
1964	905.0	701.6	24.5	9.8	169.1
1965	993.0	776.2	23.1	8.9	184.7
1966	957.9	732.4	23.7	10.2	191.6
1967	1,194.5	970.9	28.4	9.0	186.3
1968	1,355.6	1,123.0	36.0	7.8	188.9
1969	1,223.4	1,001.0	35.7	7.4	179.3
1970	1,590.1	1,354.4	40.1	9.3	186.4
1971	1,554.2	1,290.6	43.9	9.1	210.6
1972	1,538.1	1,254.8	44.2	7.3	231.8
1973	1,854.7	1,521.8	57.2	6.5	269.1
1974	2,434.6	2,049.7	64.2	7.6	313.1
1975	2,357.3	1,949.0	56.2	11.6	340.6
1976	2,526.5	2,036.6	84.7	10.1	395.1
1977	2,980.0	2,436.1	89.6	16.9	437.4
1978 ^r	2,697.9	2,048.5	94.1	26.9	528.4
1979 ^p	3,271.3	2,532.8	103.5	28.6	606.4

Source: Ministry of Natural Resources, Mineral Statistics Section

Table 18.12
Production Value and Quantity of Selected Metallic Minerals, Ontario, 1960-1979

	Silver		Uranium		Nickel		Copper		Iron Ore		Gold	
	Quantity ounces	Value \$	Quantity lbs.	Value \$	Quantity lbs.	Value \$	Quantity lbs.	Value \$	Quantity tons	Value \$	Quantity ounces	Value \$
1960	11.2	10.0	19.8	212.0	403.3	277.9	412.5	123.8	5.3	48.4	2.7	92.8
1961	8.9	8.4	15.0	151.1	392.4	295.4	423.3	122.4	5.8	62.4	2.6	93.5
1962	9.4	10.9	12.8	118.3	333.2	274.2	378.0	116.3	6.4	64.5	2.4	90.6
1963	9.6	13.3	12.8	103.0	298.2	246.3	357.9	112.0	6.7	70.0	2.3	88.3
1964	9.9	13.9	11.8	63.6	324.2	267.8	395.8	131.5	8.0	85.6	2.2	81.4
1965	10.8	15.2	6.8	47.2	382.6	316.3	432.5	161.7	8.5	94.2	1.9	73.4
1966	10.9	15.2	5.9	42.8	320.4	269.5	406.0	181.4	8.1	91.7	1.7	62.6
1967	14.3	24.8	5.5	41.4	380.1	352.2	552.3	261.8	8.6	99.9	1.5	56.5
1968	21.8	50.5	5.4	39.2	407.5	405.2	581.2	278.3	10.9	127.1	1.4	52.0
1969	22.3	43.0	..	40.3	293.6	329.1	477.6	244.3	10.5	128.2	1.2	46.3
1970	19.9	36.8	6.7	40.7	448.5	608.4	590.2	340.8	11.8	144.8	1.2	42.5
1971	18.1	29.1	7.0	..	431.5	583.9	604.7	317.5	11.2	136.2	1.1	40.1
1972	19.6	32.7	8.4	..	378.9	519.9	579.4	283.5	11.8	139.5	1.0	58.7
1973	19.6	49.6	8.1	..	393.3	574.8	574.6	365.3	12.4	152.5	0.9	89.8
1974	17.9	82.6	8.4	..	460.9	749.8	625.9	484.0	12.0	180.1	0.8	124.4
1975	14.9	67.2	10.6	..	394.8	811.3	568.3	361.4	10.5	219.0	0.8	123.7
1976	16.3	70.1	9.8	..	413.2	862.3	573.6	391.4	11.1	252.3	0.7	91.0
1977	16.9	82.3	9.4	250.7	396.8	927.5	617.2	428.0	11.4	287.8	0.7	116.3
1978 ^a	14.2	87.9	9.8	363.8	206.5	474.6	434.4	324.0	10.6	308.4	0.7	154.5
1979 ^a	14.1	167.0	9.7	390.9	209.2	604.5	407.6	435.2	9.0	286.0	0.6	212.5

Source Ministry of Natural Resources, Mineral Statistics Section

Table 18.13
Production Value and Quantity of Non-Metallic Minerals, Canada and Ontario, 1977-1979^a

	Canada						Ontario											
	1977			1978 ^c			1979 ^p			1977			1978 ^c			1979 ^p		
	Quantity Tons	Value \$		Quantity Tons	Value \$		Quantity Tons	Value \$		Quantity Tons	Value \$		Quantity Tons	Value \$		Quantity Tons	Value \$	

1) Quantity in pounds.

Source: Ministry of Natural Resources, Mineral Statistics Section.

Table 18.14
Production Value and Quantity of Fuels and Structural Materials, Canada and Ontario, 1977–1979

	Canada				Ontario							
	1977		1978 ^a		1979 ^b		1977		1978 ^c		1979 ^d	
	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's
Fuels												
Coal ¹	31,438	609,517	33,596	779,426	36,508	858,000	-	-	-	-	-	-
Natural Gas ²	3,230,672	3,422,070	3,128,056	3,923,465	3,322,373	4,708,800	8,526	10,267	11,099	18,715	10,490	21,666
Natural Gas by- products ³	105,166	969,725	102,659	1,063,670	121,557	1,351,091	-	-	-	-	-	-
Petroleum, crude ²	481,900	4,871,500	480,448	5,810,996	562,085	7,610,953	617	6,627	593	8,154	-	-
Total Value Fuels	...	9,872,812	...	11,577,557	...	14,528,844	...	16,894	...	26,869	...	28,643
Structural Materials ¹												
Clay products	...	103,361	...	109,635	...	125,357	...	56,252	...	59,667	...	68,260
Cement	10,626	420,086	11,639	572,591	13,046	736,862	4,031	139,894	4,357	183,110	4,692	216,971
Lime	2,094	64,467	2,242	76,218	2,306	79,151	1,387	41,599	1,513	46,807	1,550	49,782
Sand and Gravel	289,803	364,881	299,930	416,860	303,276	449,030	83,115	121,776	98,344	144,254	105,000	162,750
Stone	132,457	296,567	134,641	332,744	126,754	346,721	31,823	77,884	37,275	94,517	39,500	108,625
Total Value Structural Materials	...	1,249,362	...	1,508,048	...	1,737,121	...	437,405	...	528,355	...	606,388

1) In tons.

2) In thousands of cubic feet.

3) in barrels,

Source: Ministry of Natural Resources, Mineral Statistics Section

Energy

Highlights

- **Energy Consumption** – The Commercial and Industrial Use sector has the highest energy consumption of all use sectors. In 1966, 47.8 per cent of the energy was consumed by this use sector, and by 1977 the usage had risen to 48.9 per cent. In the Transportation Use sector, "Road" accounted for 84.3 per cent of the energy consumed in 1977, compared with "Rail" and "Air" which consumed 4.3 per cent and 7.1 per cent, respectively. The Domestic and Farm Use sector energy consumption increased by 7.2 per cent from 1971 to 1977. From 1971 to 1977, the amount of energy consumed in coal products decreased by 3.2 per cent; in natural gas, increased by 30.5 per cent; in electricity, increased by 35.1 per cent; in gasolines, increased by 26.3 per cent; and in fuel oils and diesel, decreased by 1.6 per cent.

For non-durable commodities in 1976, the Paper and Allied Industries and the Chemical Industries both accounted for the highest energy consumption in manufacturing. The former consumed 26.5 per cent; the latter consumed 43.8 per cent of the total consumption of all industrial groups, which totalled 288 trillion B.T.U. in 1976. Of the 1976 durable commodities consumption total of 245 trillion B.T.U., Primary Metal Industries accounted for 43.6 per cent.

- **Energy Use per Citizen (Share index of energy consumption)** – In 1977, Ontario, of all the provinces, was the most intensive user on a per person basis in the industrial category. Energy consumption per person in Canada, also, was greatest in the industrial category with 80.3 million BTU/person, followed by 57.3 million BTU/person in the Transportation by road category and 49.0 million BTU/person in the Domestic and Farm category.

Renewable Energy and Energy Conservation – Federal and Ontario government programs for promoting renewable energy technology and better energy conservation practices have allocated \$678.3 million and \$14.6 million respectively to these projects. The Federal funding covers varying periods up to 1985 and the provincial funding relates to the period 1979–80. The definitions should be consulted for fund applications and other details.

- **Ontario Hydro** – Hydro-electric power is the largest source of energy supplied in Ontario. Its importance has dropped considerably with the introduction of alternative power sources, most notably coal, natural gas and nuclear energy. In 1961 hydro-electric sources supplied 80.04 per cent of the energy. This figure dropped in 1971 to 48.25 per cent and finally in 1979 to 35.05 per cent. Natural gas and nuclear power have risen from nil in 1961 to 1.3 per cent for the former and 29.2 per cent for the latter in 1979. Coal accounted for 25.8 per cent in 1979.

Primary energy delivery, in terms of billions of kilowatt-hours (BkWh), rose from an annual quantity of 15.58 BkWh in 1950 to 33.86 BkWh by 1961 and more than doubled again to 98.13 BkWh by 1979.

The number of ultimate customers served by Ontario Hydro between 1961 and 1979 increased by 938,856 or 48.4 per cent. Of the electric energy distributed to residential and general services, the percentage change from 1978 to 1979 was +3.0 per cent for residential services and +4.2 per cent for general services. The 1977 to 1978 change for residential services was +3.2 per cent. For general services the percentage change from 1977 to 1978 was +2.1 per cent.

Installed generating capacity in Ontario increased steadily through the 1973-1978 period. For both the electrical utilities and industrial establishments total capacity in 1973 was 17.8 million kW. By 1978 the capacity had increased by 44.4 per cent from 1973. In 1978, private and publicly-operated electrical utilities generated 25.1 million kW. This figure is 41.0 times that generated by industrial establishments.

Definitions

Conversion – The term "conversion" in Table 19.7 is used to describe the process of changing primary fuel, i.e. naturally occurring fuel e.g. coal, crude oil, and for the purposes of this study, hydro and nuclear generated electricity, into secondary fuel, i.e. that resulting from the processing of other fuels, e.g. coke from coal or

motor gasoline from crude oil. "Transformation" refers to the process of changing secondary fuels into other secondary fuels, e.g. thermal electricity from fuel oil fired power stations. From the resultant output of secondary energies included in the balance sheet, it becomes possible to compute the efficiency of the conversion transformation process; however, any non-energy forms produced in the process, for example lubricating oils at refineries, have been excluded. It is therefore possible that part of a seeming increase in the inefficiency of conversion/transformation could be explained by an increase in the output of non-energy forms. The impact of such forms should, however, be minimal.

Efficiency of Conversion – Efficiency measures are given as a percentage, viz: usable energy output to the energy content of the input (by heat units) $\times 100$. In the case of oil refining those commodities (output from the process) which are not regarded as energy sources and for which a BTU equivalent is not published by Statistics Canada are excluded from the measure of efficiency; further, in this instance, a certain proportion of secondary products are fed back into refining. These are deducted from the output. As already noted, non-energy products (comprising petro-chemical feed stocks, naphtha specialities, asphalt and lubricating oils and greases) are excluded from the efficiency measure used in oil refining. In order to cover this point a second measure of the oil refining process is given in terms of the quantity of non-energy products produced as a percentage of crude oil input (by barrels).

BTU's – The following natural units and their equivalent BTU (British Thermal Unit) conversion factors have been used in those tables sourced "Ministry of Treasury, Economic & Intergovernmental Affairs, Central Statistical Services". In the case of natural gas, the BTU content of this fuel has been steadily declining throughout the period under review, and consequently, a varying conversion factor has been used.

<i>Fuel Type</i>	<i>Natural Unit</i>	<i>Conversion Factor BTU's $\times 10^6$</i>
Coal		
Anthracite	short tons of 2,000 lbs.	25.4000
Imported Bituminous	short tons of 2,000 lbs.	25.8000
Canadian Bituminous	short tons of 2,000 lbs.	25.2000
Sub-Bituminous	short tons of 2,000 lbs.	17.0000
Lignite	short tons of 2,000 lbs.	13.2000
Coke	short tons of 2,000 lbs.	24.8000
Coke Oven Gas	'000 cubic feet	0.5000
Liquefied Petroleum Gas	barrels of 35 Canadian gallons	4.0950
Crude Oil	barrels of 35 Canadian gallons	5.8030
Still Gas	barrels of 35 Canadian gallons	6.2874 ¹
Motor Gasoline	barrels of 35 Canadian gallons	5.2220
Kerosene	barrels of 35 Canadian gallons	5.6770
Diesel	barrels of 35 Canadian gallons	5.8275
Light Fuel Oil	barrels of 35 Canadian gallons	5.8275 ²
Heavy Fuel Oil	barrels of 35 Canadian gallons	6.2874 ²
Petroleum Coke	barrels of 35 Canadian gallons	6.3852
Aviation Gasoline	barrels of 35 Canadian gallons	5.0505
Aviation Turbo Fuel	barrels of 35 Canadian gallons	5.4145
Natural Gas	'000 cubic feet	1.0700/1.0000 ³
Electricity	'000 kWh	3.4120

It has been assumed that the BTU equivalent of "other fuels" is approximated by pro-rating on the basis of average cost per heat unit, thus:

$$b_o = \frac{(B) \times C_o}{(C_T - C_o)}$$

where

b_o = the estimated BTU for "other fuel"

C_T = the total cost of Fuel and Electricity

C_o = the cost of "other fuel"

for each major group by year for Ontario.

B = the sum of the BTU's for all fuel and electricity except "other fuel"

1. Still gas is expressed in barrels of Heavy Fuel Oil equivalent.
2. In calculating BTU's consumed by manufacturing industries it has been assumed that light fuel oil and heavy fuel oil are used in the ratio of 1:1.5, 1:2.4 and 1:3.3 for 1970, 1971 and 1972, respectively. This follows an assumption of approximate linear change in the proportion of utilization from 1970 to 1974. (Actual breakout for 1974 is available on request from the Ministry of Treasury, Economics and Intergovernmental Affairs, Central Statistical Services.)
3. In the case of natural gas the BTU content of the fuel has declined since 1958; consequently, a variable conversion factor has been used in the first set of tables. In the tables covering energy consumption in manufacturing, the lowest value for the conversion factor is used.

Renewable Energy Development, Application and Conservation – Specified activities of Federal and Ontario Governments aimed at assisting in the development and use of renewable sources of energy and of improved energy conservation practices have been covered herein. These programs are described below.

- i) AERD (Agricultural Engineering Research and Development): provides support to R & D in Agricultural Engineering which includes areas of solar and wind energy, and biomass conversion;
- ii) LEBDA (Low Energy Building Design Awards): provides competition awards for those involved in the design of energy efficient buildings;
- iii) PUSH (Purchase and Use of Solar Heating Program): encourages the development of Canadian solar energy technology;
- iv) BELG (Biomass Energy Loan Guarantee): encourages groups of industries, in cooperation with communities (and, possibly, electrical utilities) to use biomass and/or municipal refuse as the energy source for electrical generation, particularly co-generation of electricity and heat;
- v) Expanded Research, Development and Demonstration, 1978-1984. This program announced by the Federal Government provides for the demonstration of novel technologies or applications for harnessing energy from forests and farms (e.g. conversion of biomass to liquid fuels or chemicals).
- vi) F.I.R.E. (Forest Industry Renewable Energy Program): assists those who are trying to create an energy source from wood residues;
- vii) RAP (Research Agreement Program): provides funding to research organizations which are working towards a better use of mineral and energy resources; also funds projects which provide information on Canada's landmass;
- viii) Provincial and Joint Federal-Provincial: These pertain to R & D programs conducted by many provincial ministries as well as the \$114 million which will be available through joint federal/provincial agreements for renewables and conservation projects;
- ix) DIRECT (Development and Demonstration of Resource and Energy Conservation Technology): assists small entrepreneurs who are working on innovative methods of energy or material recovery from municipal and industrial waste;
- x) ENFOR (Energy from the Forest): this is a contracting program applicable to any Canadian organization with research, development and demonstration expertise in forest products, certain aspects of cultivation and biomass energy-production;
- xi) IRAP (Industrial Research Assistance Program): assists federally or provincially incorporated companies engaged in activities based on the physical or life sciences, whose research project stresses a special potential for the national good, such as, R & D in renewable energy;
- xii) MINI-IRAP (Mini Industrial Research Assistance Program): this is an extension of IRAP and designed for small companies (less than 100 employees) with limited experience and expertise in the development of technology;
- xiii) PLIP (Program for Industry/Laboratory Projects): assists companies which are interested in co-operative R & D under contract with NRC laboratories;
- xiv) IERD (Industry, Energy Research and Development Program): assists firms engaged in R & D of energy conservation in industrial processes and equipment;
- xv) RFP (Request for Proposals): applicable to firms which are interested in providing services for government departments.
- xvi) Unsolicited Proposals: a medium whereby the Federal government purchases services and products in science matters for unique projects whose concepts are not covered by other federal programs; and which enable government departments to carry on its own research;
- xvii) Renewable Energy and Conservation – Federal and Provincial government programs for promoting renewable energy and better energy conservation practices have allocated \$678.3 mil. and \$27.2 mil. respectively to these projects. Federal funding covers varying periods to 1985, the provincial fundings relate to 1978-79, while Ontario's \$12.6 mil. pertain to the 1978-80 period.
- xviii) Provincial Governments Energy R & D expenditures for 1978-79 contain interministerial projects in energy conservation areas pertaining to buildings, transport, food supply, thermal wastes, municipal and industrial wastes, oil and gas combustion, industrial processes, storage and hydrogen systems, urban form, consumer products and lifestyles, and other (i.e. improvement in recovery, development and use of energy sources (Alberta); development of energy demand forecasting models (Ontario); total energy management (P.E.I.); and co-ordination of energy R & D in Saskatchewan). Areas covered in Renewable Energy Resources pertain to river and tidal power, solar, biomass, wind, geothermal and other.
- xix) Ontario Government Energy R & D expenditures for 1978-79 in energy conservation and renewable energy resources pertain to project areas specified in item xviii above. In addition, the 1979-80 budget estimate of \$9.8 mil. for this activity by Ministry of Energy pertains to 250 projects to be coordinated between participating Ontario Government ministries.

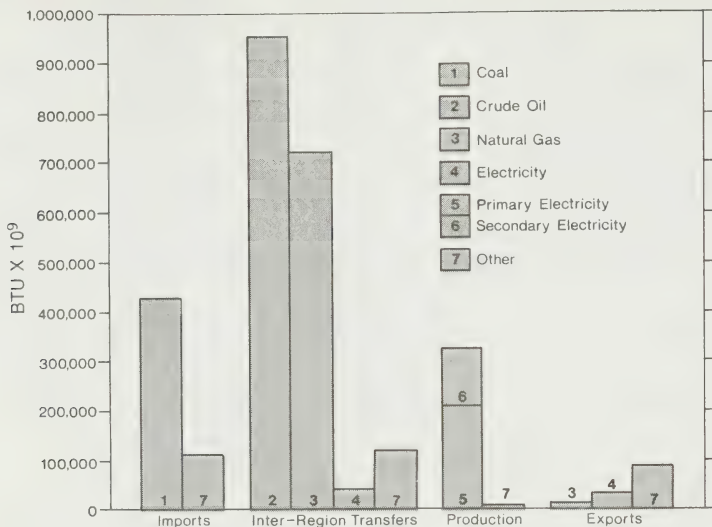
- xx) Ontario Hydro participates in Alternate Energy Development and Application field in Solar, Wind-power and Biomass programs. In Conservation, it is engaged in Residential, Commercial, Agricultural, Industrial, Research, and in related Advertising & Communications programs. These are aimed at improving efficiencies in lighting, heating, refrigerating, ventilating, accurate heat design, building construction, heat pump systems, material handling, etc. by means of research, in site field testing and by various customer information programs.

Retail – These are customers located in rural areas or in certain communities not served by municipal electric utilities and are supplied directly by Ontario Hydro.

Direct – These are industrial customers with demands in excess of 5,000 kilowatts who are served directly by Ontario Hydro.

Graph 19.B

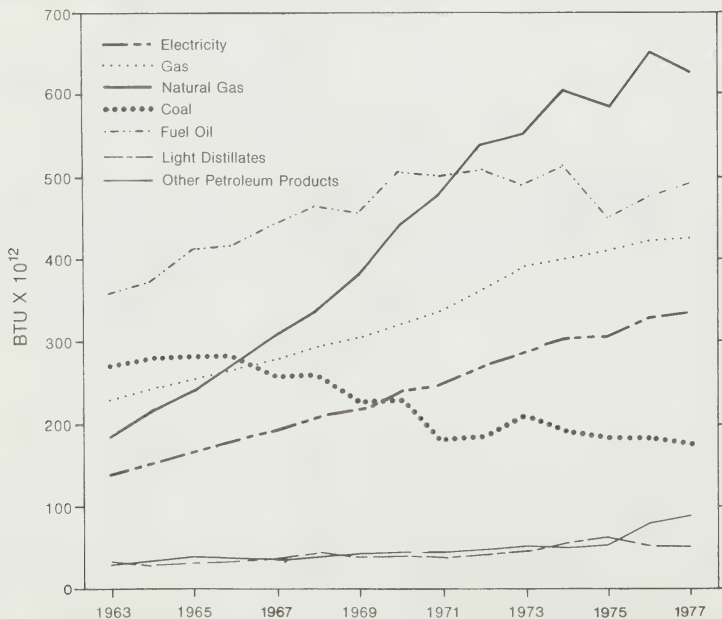
Primary Fuel Supply, Production of Electricity and Energy Exports, Ontario 1977



Refer to Table 19.1 and 19.4.

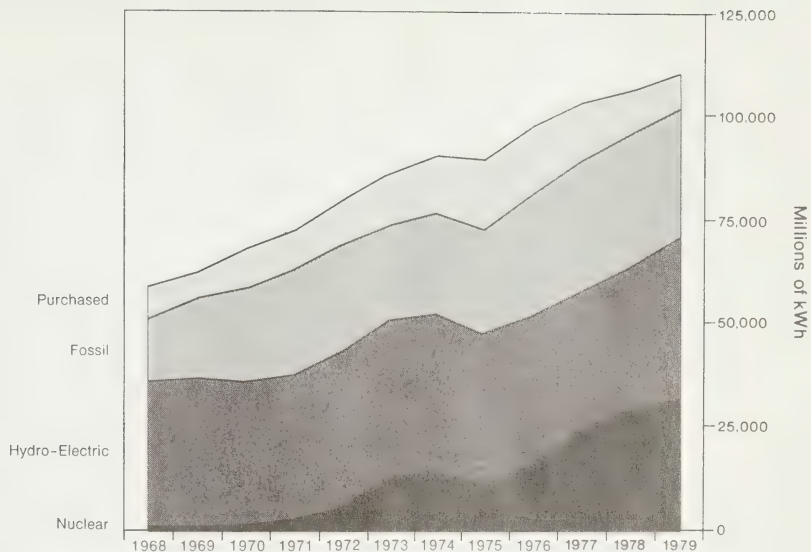
Graph 19.C

Energy Consumption by Commodity Group, Ontario, 1963-1977



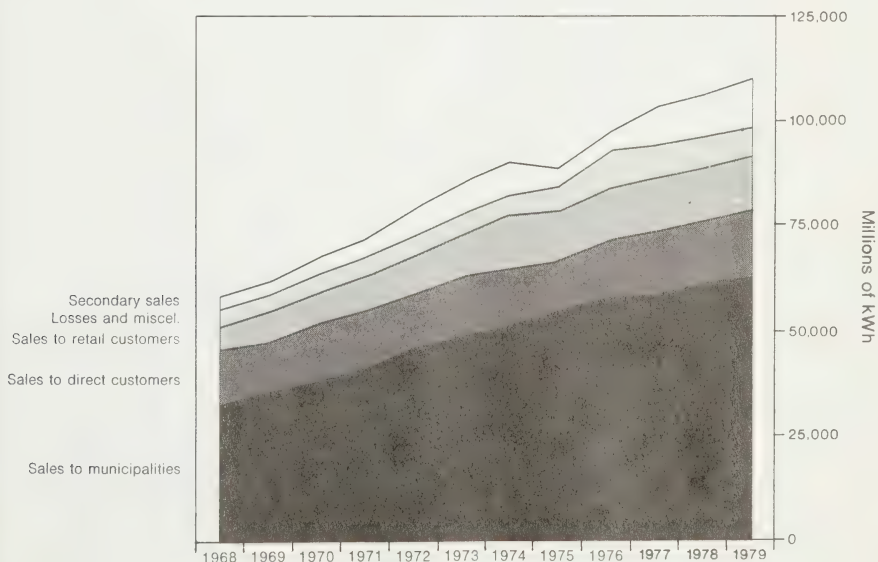
Refer to Table 19.6.

Graph 19.D
Energy Made Available, Ontario Hydro, 1968-1979

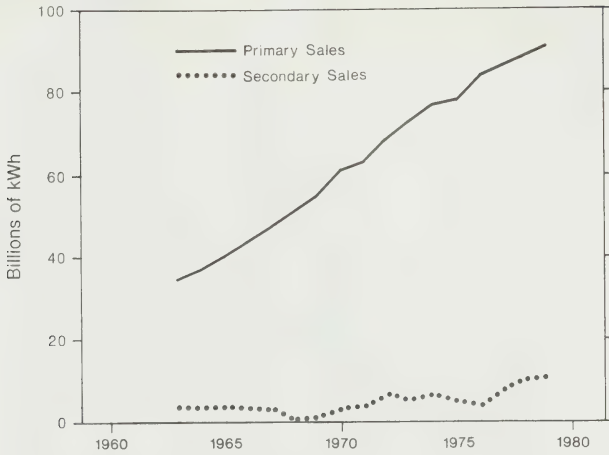


Source: Ontario Hydro, *Annual Report*

Graph 19.E
Disposal of Energy, Ontario Hydro, 1968-1979^p



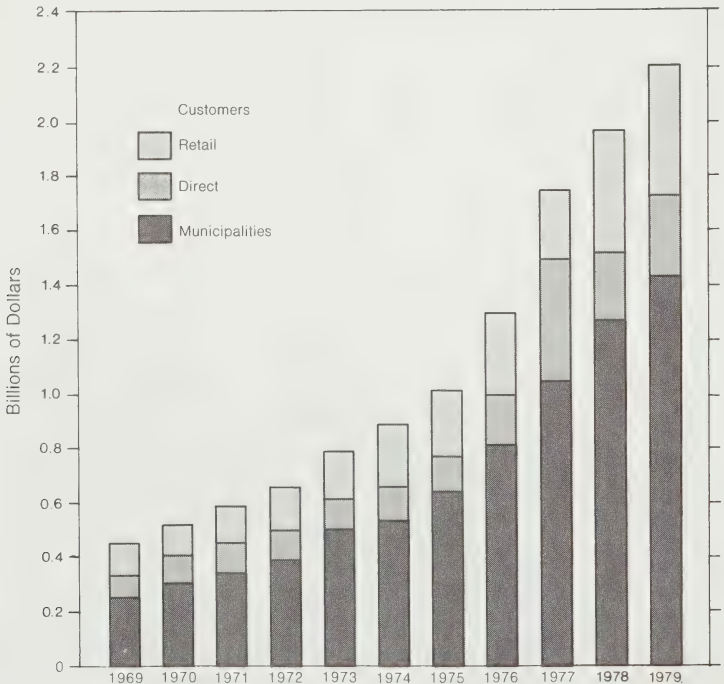
Source: Ontario Hydro, *Annual Report*

Graph 19.FPrimary and Secondary Energy Sales, Ontario Hydro, 1963 - 1979^P

Source: Ontario Hydro, Annual Report

Graph 19.G

Primary Revenues, Ontario Hydro, 1969-1979



Source: Ontario Hydro, Annual Report

Table 19.1
Primary Fuel and Electricity, Ontario, 1966–1977

	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity ¹	Total
	BTU × 10 ⁹					
Production						
1966	-	-	7,682	15,693	126,790	150,164
1967	-	-	7,197	14,229	129,937	151,363
1968	-	-	6,682	12,066	133,936	152,684
1969	-	-	6,741	11,332	138,581	156,654
1970	-	-	6,083	17,064	136,664	159,810
1971	-	-	5,560	16,260	143,314	165,134
1972	-	-	5,095	12,300	161,662	179,056
1973	-	-	4,689	9,528	187,885	202,102
1974	-	-	4,259	7,537	188,815	200,611
1975	-	-	4,085	10,935	171,478	186,498
1976	-	342	3,604	4,959	187,002	195,907
1977	-	405	3,580	8,526	209,320	221,831
Exports						
1966	-	213	-	3,405	11,078	14,695
1967	-	-	-	3,994	10,583	14,577
1968	-	-	-	4,849	8,630	13,479
1969	-	-	-	16,460	9,829	26,289
1970	-	60	-	33,638	12,278	45,975
1971	-	-	-	32,226	13,853	46,079
1972	-	-	-	17,740	20,729	38,469
1973	183	81	-	13,197	26,087	39,548
1974	-	-	-	13,148	26,860	40,008
1975	-	-	-	12,311	16,508	28,819
1976	-	56,592	-	12,876	21,213	90,681
1977	-	84,086	-	14,813	32,919	131,818
Imports						
1966	386,605	-	3,073	44,945	7,982	442,606
1967	381,100	-	2,450	70,357	8,585	462,492
1968	416,627	-	2,727	81,450	8,902	509,707
1969	411,354	-	2,446	34,823	7,643	456,266
1970	469,916	-	2,661	10,751	9,779	493,108
1971	429,613	-	2,371	14,236	8,717	454,937
1972	455,228	-	2,463	15,567	5,962	479,220
1973	406,296	-	2,843	14,736	5,438	429,313
1974	331,820	-	395	13,376	6,247	351,838
1975	428,383	-	1,729	10,153	9,265	449,530
1976	400,076	-	13,515	4,006	7,059	424,656
1977	426,780	-	110,640	-	3,981	541,401
Inter-Region Transfers ²						
1966	29,084	7,551	651,957	234,905	20,981	944,479
1967	32,476	8,264	649,335	231,879	18,130	940,083
1968	30,451	10,883	689,761	250,620	15,689	997,403
1969	12,435	13,868	715,132	354,092	15,587	1,111,114
1970	14,610	13,678	776,332	471,084	21,714	1,297,417
1971	7,709	11,487	780,619	492,835	19,864	1,312,513
1972	1,672	18,694	792,687	573,169	28,618	1,414,840
1973	897	20,845	859,906	650,286	35,186	1,567,119
1974	6,387	23,562	956,119	684,966	41,621	1,712,655
1975	23,852	25,778	933,238	687,445	43,544	1,713,857
1976	13,741	78,745	948,518	707,839	43,919	1,792,762
1977	18,980	102,611	951,315	723,265	38,180	1,834,351

1) Production includes nuclear energy generation of electricity, during 1962 to 1975 as follows:

1962–1967: 68.2×10^9 BTU each year

1968–1970: 1.0×10^9 BTU each year

1971: 4.5×10^9 BTU

1972: 6.3×10^9 BTU

1973: 8.2×10^9 BTU

1973–1975: 8.2×10^9 BTU

2) The inter-region transfers are into Ontario.

Source: SC, Detailed Energy Supply and Demand, (57-207)

Table 19.2
Secondary Energy: Petroleum Products, Ontario, 1960-1977

	Gasoline		Light Distillates		Fuel Oil		Liquefied Petroleum Gas, Still Gas, Petro Coke ¹	
	Motor and Aviation Gasoline	Motor Gasoline %	Kerosene and Aviation Turbo Fuel	Kerosene %	Diesel, Light and Heavy Fuel Oils	Diesel %	Light Fuel Oil %	
BTU × 10 ⁹								
Output								
1960	144,055	99.35	23,972	80.42	191,830	16.87	48.98	29,185
1961	155,943	99.30	26,886	72.86	216,913	15.49	46.42	27,078
1962	164,895	99.56	27,456	75.06	224,442	15.57	44.38	24,466
1963	178,129	99.71	32,785	71.60	256,335	14.74	44.32	42,408
1964	204,252	99.69	32,961	69.82	265,650	15.01	44.40	46,483
1965	213,246	99.74	35,237	67.74	288,834	16.62	43.13	45,201
1966	221,805	99.79	36,362	61.24	302,949	16.82	41.40	43,209
1967	224,081	99.78	37,969	60.85	296,633	16.49	39.25	39,713
1968	239,032	99.82	36,700	62.07	315,890	17.77	40.81	42,495
1969	253,624	99.77	43,007	64.62	314,095	19.74	41.82	35,307
1970	271,288	99.86	47,922	64.19	347,859	18.65	42.48	31,017
1971	280,952	99.94	48,931	55.74	351,020	19.02	44.99	29,469
1972	301,066	99.96	46,760	57.43	328,844	20.46	43.65	27,231
1973	319,009	99.91	61,156	56.16	343,671	20.51	43.10	34,728
1974	354,240	99.82	74,158	56.43	368,978	21.09	37.74	37,099
1975	366,731	99.82	81,356	57.92	353,156	20.24	38.33	42,115
1976	358,130	99.88	84,107	59.12	370,582	18.88	40.56	52,926
1977	349,943	99.90	83,553	55.23	433,776	18.38	38.77	63,606
Exports								
1960	2,117	100.00	--	100.00	1,267	-	22.10	2,302
1961	46	100.00	44	-	1,517	23.97	14.47	640
1962	1,025	100.00	204	90.11	2,978	17.62	5.92	533
1963	1,430	100.00	197	100.00	4,086	-	6.41	1,506
1964	1,808	96.70	143	100.00	4,417	-	7.34	2,385
1965	814	100.00	42	100.00	2,997	-	3.74	1,444
1966	340	100.00	59	100.00	2,020	-	28.14	939
1967	309	100.00	159	100.00	3,538	-	77.76	8
1968	1	100.00	458	100.00	5,491	-	82.57	1
1969	624	100.00	328	100.00	9,475	-	89.10	-
1970	624	100.00	216	93.68	9,467	0.04	89.38	2
1971	871	100.00	309	100.00	7,651	0.17	68.53	436
1972	315	100.00	20	100.00	15,933	-	23.05	169
1973	1,754	100.00	5	100.00	21,630	0.80	21.83	1,075
1974	22	100.00	86	100.00	34,834	0.15	6.17	-
1975	5,300	100.00	139	100.00	53,783	-	11.05	-
1976	4,204	100.00	309	100.00	41,164	-	2.52	45
1977	919	100.00	-	-	40,403	-	7.53	265

Table 19.2 (cont'd)
Secondary Energy: Petroleum Products, Ontario, 1960-1977

	Gasoline		Light Distillates		Fuel Oil		Liquefied Petroleum Gas, Still Gas, Petro Coke ¹	
	Motor and Aviation Gasoline	Motor Gasoline %	Kerosene and Aviation Turbo Fuel	Kerosene %	Diesel, Light and Heavy Fuel Oils	Diesel %	Light Fuel Oil %	
BTU × 10 ⁹								
Imports								
1960	1,909	61.02	975	100.00	31,341	3.72	51.70	2,571
1961	417	51.07	115	100.00	15,061	9.04	57.42	2,081
1962	24	100.00	14	100.00	13,928	3.37	36.30	2,248
1963	14	100.00	3	100.00	14,971	0.02	37.65	2,130
1964	1,374	100.00	245	100.00	22,451	-	20.40	2,970
1965	766	100.00	596	100.00	32,739	0.57	25.18	3,167
1966	1,124	100.00	53	100.00	33,709	12.14	23.17	3,222
1967	2,971	96.63	1,809	91.13	34,058	6.72	27.70	3,372
1968	154	100.00	3,979	44.17	29,144	10.15	50.88	4,372
1969	1	-	5,312	2.67	26,604	0.01	33.47	4,927
1970	-	-	5,522	7.59	21,113	2.69	22.14	5,892
1971	2	100.00	1,910	41.64	12,975	-	42.03	1,326
1972	5	100.00	2,246	2.05	22,294	-	41.26	1,473
1973	2	100.00	7	99.93	15,756	-	13.05	2,601
1974	-	-	172	69.19	8,323	-	17.66	2,390
1975	-	-	116	4.31	2,246	0.13	26.18	2,706
1976	-	-	11	100.00	695	-	68.20	4,598
1977	-	-	2	100.00	4,501	-	69.41	3,456
Inter-Region Transfers								
1960	57,750	98.74	10,942	77.21	70,346	5.82	69.32	82
1961	50,445	98.11	11,421	78.10	82,427	4.10	74.09	7
1962	49,679	98.14	10,283	81.26	72,883	3.83	69.30	191
1963	49,619	97.92	9,985	86.06	83,577	5.92	60.59	247
1964	27,331	96.81	5,325	81.50	65,099	4.51	53.52	459
1965	28,749	97.02	6,393	90.85	71,475	8.61	49.21	347
1966	33,898	97.47	8,979	79.33	75,877	9.66	49.32	321
1967	37,092	97.76	8,949	69.37	80,319	15.37	50.92	386
1968	38,546	97.64	12,635	64.44	104,065	11.80	46.40	912
1969	38,880	97.60	9,660	71.77	102,884	9.72	49.80	1,121
1970	42,624	97.76	10,579	70.66	130,317	9.53	40.28	715
1971	46,603	97.82	9,512	65.88	132,548	8.42	38.99	-426
1972	50,752	97.34	12,475	56.46	131,396	7.55	35.31	-736
1973	46,191	97.19	11,878	55.52	127,720	7.53	30.24	-1,043
1974	43,304	97.78	10,239	49.38	95,094	8.17	31.96	-308
1975	58,074	98.35	11,014	60.35	96,708	10.10	34.98	-96
1976	47,325	97.14	9,708	60.47	107,197	8.77	24.38	154
1977	51,508	97.70	8,523	60.01	119,033	10.92	28.58	-37

¹⁾ In Ontario, since 1963, still gas has been used exclusively in the refining process and petroleum coke has been used almost entirely in "non-energy" applications.

Source: SC, Detailed Energy Supply and Demand, (57-207)

Table 19.3

Secondary Energy: Supply of Coal Products, Ontario, 1960-1977

	Coke				Coke oven Gas	
	Output		Export	Import	Inter-region Transfer	Output
		Blast Furnace Gas				
	BTU × 10 ⁹	%			BTU × 10 ⁹	
1960	72,712	0.40	1,017	6,355	843	21,208
1961	77,833	0.38	1,147	6,251	1,245	22,509
1962	80,549	0.44	1,022	5,051	2,427	23,507
1963	84,718	0.23	1,095	5,041	2,418	24,657
1964	86,689	1.04	211	6,961	2,978	26,512
1965	87,475	0.91	1	12,371	4,652	25,549
1966	87,740	0.96	1	12,665	3,900	25,148
1967	90,612	1.19	34	8,092	2,861	26,438
1968	108,354	1.12	1,022	4,179	3,918	34,371
1969	97,109	1.02	3,383	4,848	5,410	30,467
1970	114,899	0.92	3,045	6,337	4,693	36,233
1971	106,350	1.18	3,468	6,917	489	34,773
1972	111,733	1.07	2,477	5,677	1,871	36,284
1973	126,017	0.85	175	4,230	509	42,386
1974	125,940	1.05	309	5,836	4,377	41,489
1975	123,879	0.85	1,069	10,815	4,020	40,867
1976	129,891	0.77	572	4,148	416	43,205
1977	121,502	0.15	278	5,626	-605	39,367

Source: SC, Detailed Energy Supply and Demand, (57-207)

Table 19.4

Secondary Energy: Generation of Secondary Electricity, Ontario, 1960-1977

Energy Generated from Different Fuels					Total Secondary Electricity Generated
Coal	Fuel Oils Incl. Diesel Oil	Natural Gas	Other		
BTU × 10 ⁶					
1960	2,234,236	34,922	273,690	413,831	2,956,679
1961	3,440,978	38,781	293,398	377,418	4,150,575
1962	14,134,306	92,083	427,493	206,214	14,860,096
1963	28,026,267	248,264	243,709	80,608	28,598,848
1964	31,253,398	261,509	312,829	236,476	32,064,212
1965	39,050,514	327,242	580,057	207,514	40,165,327
1966	37,531,901	370,130	867,835	205,758	38,975,624
1967	46,574,745	590,795	418,325	266,569	47,850,434
1968	56,506,480	1,111,224	824,401	286,901	58,729,006
1969	66,064,942	1,568,899	1,125,349	215,066	68,974,256
1970	76,633,370	2,476,201	1,807,432	297,441	81,214,444
1971	83,790,337	1,970,536	4,814,547	308,499	90,883,919
1972	77,329,564	1,378,520	15,379,593	251,516	94,339,193
1973	65,501,727	1,238,341	18,082,368	328,255	85,150,691
1974	68,877,969	1,060,678	22,849,806	381,970	93,170,423
1975	69,761,991	2,385,039	24,097,646	318,398	96,563,073
1976	78,579,848	10,227,559	22,067,676	394,591	111,269,674
1977	89,503,465	6,275,804	21,442,301	603,798	117,825,368

Source: SC, Detailed Energy Supply and Demand, (57-207)

Table 19.5
Energy Consumption by Use Sector¹, Ontario, 1959-1977

	Transportation						Domestic and Farm	Commercial and Industrial ³	Other ⁴	Total
	Energy Supply Industry ²	Road, Rail, Air and Supply Marine (excl. Navy)		Road	Rail	Air				
		BTU × 10 ⁹	%							
1959	57,359	248,841	78.65	11.36	3.74	285,056	486,153	490	1,077,898	
1960	57,581	249,970	80.67	9.45	3.95	292,626	486,632	1,904	1,088,713	
1961	62,691	256,916	81.61	8.35	4.19	296,757	507,703	862	1,124,928	
1962	65,953	263,811	83.12	7.09	4.05	297,403	545,402	1,646	1,174,213	
1963	70,497	277,475	83.54	6.88	4.17	313,896	580,612	14,389	1,256,869	
1964	76,868	295,874	82.07	7.88	4.00	317,259	617,177	22,802	1,329,979	
1965	85,395	316,010	81.02	6.73	4.12	324,723	677,831	33,641	1,437,600	
1966	96,725	334,724	80.57	6.67	4.94	315,130	715,166	35,584	1,497,330	
1967	96,023	345,830	82.39	6.31	5.48	335,737	756,303	27,367	1,561,260	
1968	101,052	367,048	82.90	5.95	5.70	347,421	813,445	16,641	1,645,607	
1969	97,944	380,826	83.01	5.71	6.09	369,070	811,552	11,148	1,670,539	
1970	107,486	404,559	82.72	5.32	6.49	376,452	895,208	33,480	1,817,185	
1971	114,191	423,063	83.63	5.39	6.31	366,682	906,750	23,996	1,834,681	
1972	114,267	445,304	84.65	4.84	6.29	397,124	981,574	15,420	1,953,689	
1973	112,789	490,400	83.33	4.80	6.67	382,621	997,631	36,218	2,019,659	
1974	111,718	513,736	82.40	5.12	7.55	424,053	1,040,850	27,589	2,117,946	
1975	110,477	519,252	83.04	4.76	7.72	403,719	988,562	31,618	2,053,628	
1976	119,579	547,213	84.42	4.25	7.31	418,069	1,062,773	49,102	2,196,736	
1977	129,302	561,297	84.29	4.25	7.10	393,076	1,077,268	40,913	2,201,856	

¹ The figures in this table comprise the total usage after stock changes, product substitution and secondary energy supply losses and adjustments have been allowed for.

² Includes: refinery and colliery consumption, electricity transmission losses and natural gas plant own-usage.

³ The terms "commercial" and "industrial" as used in this table are based largely on tariffs and cannot therefore be related to standard industry codes.

⁴ Includes "non-energy" use and "losses and adjustments".

Source: SC, Detailed Energy Supply and Demand, (57/207)

Table 19.6
Energy Consumption by Commodity Group, Ontario, 1961-1977

	Petroleum Products						
	Coal and Coal Products	Gasolines	Fuel Oils and Diesel	Light Distillates	Other ¹	Natural Gas	Electricity
	BTU × 10 ⁹						
1961	269,609	209,717	313,381	33,536	27,202	140,882	130,600
1962	262,996	218,378	330,414	33,226	27,309	164,930	136,961
1963	271,669	230,744	360,022	33,196	30,118	187,551	143,569
1964	280,675	240,973	371,873	31,868	33,846	215,377	155,368
1965	285,355	253,074	413,348	33,502	41,180	243,009	168,131
1966	284,230	265,909	417,959	36,946	38,562	270,073	183,651
1967	260,872	278,383	443,672	38,296	38,703	307,415	193,920
1968	259,027	295,831	464,662	38,970	42,609	335,882	208,626
1969	224,435	305,376	457,546	42,001	40,291	379,935	220,956
1970	232,050	319,529	505,542	45,910	40,784	436,277	237,094
1971	182,294	338,155	500,802	45,799	37,450	481,255	248,925
1972	184,877	363,650	508,722	45,707	42,679	538,202	269,851
1973	205,716	389,765	488,803	48,840	47,157	551,807	287,573
1974	191,667	399,585	511,014	52,403	57,004	603,280	302,993
1975	184,240	409,304	454,039	52,443	63,510	585,750	304,342
1976	183,887	422,771	476,289	52,305	79,625	653,822	328,037
1977	176,502	427,126	492,987	50,187	90,515	628,152	336,387

¹ Includes all commodities consumed for energy purposes in Ontario; petroleum coke is also included.

Source: SC, Detailed Energy Supply and Demand, (57-207)

Table 19.7
Efficiency of Energy Commodity Conversion, Ontario, 1961-1977

	Electricity Production					Petroleum Products Production		
					Coke Production	Energy Products		Non-Energy Products Factor ²
	Coal	Fuel Oils and Diesel	Natural Gas	All Input Fuels ¹	Coal to Coke etc.			
						Net ³	Gross	
	% output/input							
1961	24.40	8.73	24.45	24.85	89.94	79.77	88.70	10.75
1962	31.29	12.47	24.15	30.94	90.98	80.17	89.18	10.23
1963	34.17	20.44	23.69	33.86	91.75	83.05	91.79	6.05
1964	33.70	21.13	22.36	33.29	92.21	83.02	91.32	5.94
1965	33.71	22.01	24.05	33.31	91.65	82.77	91.01	6.90
1966	32.89	20.78	25.03	32.41	92.97	82.74	90.85	6.83
1967	32.86	20.09	24.21	32.41	94.02	82.26	90.47	7.42
1968	32.30	21.76	24.57	31.79	91.19	82.42	89.25	6.39
1969	34.07	17.53	20.84	32.96	91.06	82.06	89.09	3.41
1970	34.81	20.92	20.36	33.52	88.87	81.87	88.67	7.82
1971	35.28	23.12	25.55	34.12	87.79	82.76	89.97	8.43
1972	35.97	21.06	27.03	33.74	89.69	80.89	87.85	11.02
1973	34.51	19.32	27.16	32.22	89.78	79.99	87.08	9.02
1974	35.78	19.29	27.82	33.06	92.08	79.95	86.59	7.68
1975	35.66	27.95	28.36	33.23	90.42	81.83	88.35	7.37
1976	35.95	31.95	35.50	35.46	90.87	82.95	90.06	8.20
1977	35.50	31.87	33.81	35.12	91.34	79.78	87.43	11.76

¹ These include coal, fuel oils, diesel, natural gas, wood, blast furnace gas, coke oven gas, coke, LPG, still gas, motor gas, aviation gas, aviation turbo fuel and electricity.

² Includes quantity of non-energy products as a per cent of crude oil input (barrels)

³ "Net" refers to a certain proportion of secondary products which are fed back into refining; these are deducted from output.

Source: SC, Detailed Energy Supply and Demand, (57-207)

1973	No. of Estab- lish- ments	Coal	Gas- line	Fuel Oil ¹	Natural Gas	Elec- tricity	LPG ²	Other Fuels ³	Total
BTU × 10 ⁹									
Non-Durables									
Food and Beverage Industry	1,673	91	3,531	10,185	19,563	4,539	192	459	38,560
Tobacco Products	11	-	41	227	220	205	5	2	700
Rubber and Plastics	381	17	138	3,711	4,157	2,956	27	618	11,624
Products Industries	163	-	21	511	632	212	5	-	1,381
Leather Industries	373	-	97	4,626	5,140	2,710	19	376	12,968
Textile Industries	92	-	10	394	637	171	-	11	1,223
Knitting Mills	433	-	27	145	271	157	-	28	628
Clothing Industries	287	5,103	262	13,954	43,860	15,440	123	526	79,268
Paper and Allied Industries	1,623	-	289	465	1,092	966	4	129	2,945
Printing, Publishing and Allied Industries	33	-	44	487	3,399	3,348	1	67	7,346
Petroleum and Coal Products Industries	569	483	446	33,576	43,479	11,922	181	12,549	102,636
Chemical and Chemical Products Industries	1,032	26	210	1,224	1,884	976	32	36	4,388
Miscellaneous	6,670	5,720	5,116	69,505	124,334	43,602	589	14,801	263,667
Manufacturing Industries									
Total Non-Durables									
Durables									
Wood Industries	726	76	796	1,805	1,508	850	53	19	5,107
Furniture and Fixture Industries	837	27	147	485	1,005	392	17	12	2,085
Primary Metal Industries	207	9,415	278	15,537	57,654	21,095	250	3,483	107,712
Metal Fabricating Industries	2046	114	788	2,099	11,402	3,102	173	166	17,844
Machinery Industries	566	5	210	1,301	4,804	1,802	60	24	8,206
Transportation Equipment Industries	384	2,705	920	6,111	13,618	7,365	194	777	31,690
Electrical Products Industries	450	1	199	2,112	4,931	2,812	40	19	10,114
Non-Metallic Mineral Products Industries	502	5,358	863	12,481	33,015	7,174	103	467	59,461
Total Durables	5,718	17,701	4,201	41,931	127,937	44,592	890	4,967	242,219
Total Non-Durables and Durables	12,388	23,421	9,317	111,436	252,271	88,194	1,479	19,768	505,886

Table 19.8 (cont'd)
Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1973-1977

1974	No. of Estab- lish- ments	Coal	Gas- line	Fuel Oil ¹	Natural Gas	Elec- tricity	LPG ²	Other Fuels ³	Total
				BTU × 10 ⁹					
Non-Durables									
Food and Beverage Industry	1,622	67	3,531	8,810	21,572	5,125	471	447	40,023
Tobacco Products	9	25	39	240	204	222	6	5	741
Rubber and Plastics	408	12	133	3,281	4,669	2,631	32	793	11,551
Leather Industries	169	-	17	467	760	212	3	-	1,459
Textile Industries	381	-	107	4,281	5,692	2,702	32	308	13,122
Knitting Mills	89	-	10	338	697	194	-	86	1,325
Clothing Industries	447	-	29	152	240	157	-	22	600
Paper and Allied Industries	294	12,502	246	15,057	47,719	16,695	173	715	93,107
Printing, Publishing and Allied Industries	1,666	-	309	438	1,172	877	6	106	2,908
Petroleum and Coal Products Industries	32	-	19	488	4,296	3,392	1	113	8,309
Chemical and Chemical Products Industries	551	252	428	32,705	53,804	11,860	152	17,469	116,670
Miscellaneous	1,074	7	244	1,165	2,038	993	26	25	4,498
Manufacturing Industries	6,742	12,865	5,112	67,422	142,863	45,060	902	20,089	294,313
Total Non-Durables									
Durables									
Wood Industries	740	34	828	1,912	1,448	887	90	56	5,255
Furniture and Fixture Industries	894	17	145	517	1,309	471	22	12	2,493
Primary Metal Industries	207	2,998	318	24,521	58,630	22,209	140	4,512	113,328
Metal Fabricating Industries	2,114	12	866	2,116	12,971	3,316	299	202	19,782
Machinery Industries	605	34	226	1,074	5,144	1,812	109	27	8,426
Transportation Equipment Industries	396	2,003	1,128	5,063	14,362	6,991	215	632	30,394
Electrical Products Industries	475	1	184	2,031	5,668	2,910	55	30	10,879
Non-Metallic Mineral Products Industries	488	5,658	860	12,503	36,401	7,213	105	487	63,227
Total Durables	5,919	10,757	4,555	49,737	135,933	45,809	1,035	5,958	253,784
Total Non-Durables and Durables	12,661	23,622	9,667	117,159	278,796	90,869	1,937	26,047	548,097

Table 19.8 (cont'd)

1975	No. of Establishments	Coal	Gasoline	Fuel Oil ¹	Natural Gas	Electricity	LPG ²	Other Fuels ³	Total
					BTU × 10 ⁹				
Non-Durables									
Food and Beverage Industry	1,550	53	3,139	7,840	23,837	5,089	179	518	40,655
Tobacco Products Industries	10	-	44	261	214	225	7	6	758
Rubber and Plastics Products Industries	401	-	102	2,214	6,155	2,453	35	603	11,562
Leather Industries	161	-	15	432	982	233	10	-	1,672
Textile Industries	385	-	134	3,343	5,776	2,877	32	268	12,430
Knitting Mills	84	-	9	298	606	158	2	64	1,137
Clothing Industries	435	-	33	155	246	172	-	24	630
Paper and Allied Industries	302	5,575	220	9,388	34,653	11,927	110	701	62,574
Printing, Publishing and Allied Industries	1,588	1	310	325	1,250	796	4	112	2,798
Petroleum and Coal Products Industries	31	-	29	329	5,567	3,510	1	535	9,971
Chemical and Chemical Products Industries	538	12	420	25,691	54,697	11,436	190	15,490	107,936
Miscellaneous Manufacturing Industries	1,004	-	238	934	2,346	1,185	20	32	4,755
Total Non-Durables	6,489	5,641	4,693	51,210	136,329	40,061	590	18,353	256,878
Durables									
Wood Industries	726	14	544	1,320	1,690	929	70	114	4,681
Furniture and Fixture Industries	785	6	100	513	1,262	419	16	9	2,325
Primary Metal Industries	201	1,806	337	20,125	56,169	19,932	146	3,590	102,105
Metal Fabricating Industries	2,070	2	734	1,946	12,900	3,209	229	201	19,221
Machinery Industries	606	8	283	876	5,306	1,751	85	14	8,323
Transportation Equipment Industries	392	1,257	1,072	5,818	13,542	6,798	201	669	29,357
Electrical Products Industries	487	10	126	1,592	5,614	2,691	75	117	10,225
Non-Metallic Mineral Products Industries	489	4,486	582	10,119	34,216	6,192	102	429	56,126
Total Durables	5,756	7,589	3,778	42,309	130,699	41,921	924	5,143	232,363
Total Durables and Non-Durables	12,245	13,230	8,471	93,519	267,028	81,982	1,514	23,496	489,241

Table 19.8 (cont'd)
Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1973-1977

1976	No. of Estab- lish- ments	Coal	Gas- line	Fuel Oil ¹	Natural Gas	Elec- tricity	LPG ²	Other Fuels ³	Total
BTU × 10 ⁹									
Non-Durables									
Food and Beverage Industry	1,473	45	3,072	6,847	24,255	4,977	171	703	40,071
Tobacco Products Industries	9	-	45	200	281	203	12	4	746
Rubber and Plastics Products Industries	407	-	130	1,975	6,244	2,766	44	585	11,744
Leather Industries	153	-	16	415	1,123	255	5	-	1,814
Textile Industries	367	-	132	4,487	5,712	2,592	37	355	13,315
Knitting Mills	79	-	7	282	735	177	-	59	1,260
Clothing Industries	414	-	40	165	180	165	1	15	657
Paper and Allied Industries	301	3,412	274	9,564	47,472	14,796	118	606	76,242
Printing, Publishing and Allied Industries	1,486	1	323	286	1,343	968	2	129	3,052
Petroleum and Coal Products Industries	30	-	31	354	3,545	3,618	1	862	8,413
Chemical and Chemical Products Industries	524	-	383	32,551	63,839	12,469	126	16,821	126,190
Miscellaneous	960	-	235	991	2,310	1,000	18	94	4,648
Manufacturing Industries	6,203	3,458	4,688	58,117	157,116	44,001	535	20,233	288,152
Total Non-Durables									
Durables									
Wood Industries	733	95	651	1,202	1,189	633	28	46	3,844
Furniture and Fixture Industries	872	168	124	544	956	362	12	14	2,180
Primary Metal Industries	204	18,270	288	23,036	45,499	18,612	127	763	106,595
Metal Fabricating Industries	2,157	268	755	2,427	9,617	2,740	123	147	16,077
Machinery Industries	534	353	191	1,433	3,795	1,504	48	27	7,351
Transportation Equipment Industries	389	4,865	750	5,588	10,409	6,024	120	890	28,646
Electrical Products Industries	471	124	220	2,693	4,123	2,622	31	35	9,848
Non-Metallic Mineral Products Industries	537	4,921	1,032	12,879	27,817	5,810	97	460	53,016
Total Durables	5,897	29,064	4,011	49,802	103,405	38,307	586	2,382	227,557
Total Non-Durables and Durables	12,741	40,758	9,677	108,802	202,906	80,663	1,811	11,446	456,063

1977	No. of Estab- lish- ments	Coal	Gas- line	Fuel Oil ¹	Natural Gas	Elec- tricity	LPG ²	Other Fuels ³	Total
BTU × 10 ⁹									
Non-Durables									
Food and Beverage Industry	1368	32	2,899	6,662	24,581	5,355	152	496	40,178
Tobacco Products									
Industries	9	-	48	177	282	218	10	4	740
Rubber and Plastics									
Products Industries	400	2	115	2,230	6,005	3,015	54	542	11,962
Leather Industries	150	-	19	341	797	260	6	-	1,423
Textile Industries	345	-	126	3,148	7,246	2,744	28	331	13,624
Knitting Mills	74	-	8	240	453	174	-	37	912
Clothing Industries	383	-	40	145	249	201	-	1	637
Paper and Allied Industries	287	5,260	269	10,509	50,326	17,480	137	1,156	85,138
Printing, Publishing and Allied Industries	1,468	-	376	285	1,245	1,007	3	115	3,031
Petroleum and Coal									
Products Industries	36	-	28	572	6,397	3,784	1	639	11,421
Chemical and Chemical Products Industries	520	59	424	27,109	51,829	11,959	6,257	15,622	113,260
Miscellaneous									
Manufacturing Industries	913	-	251	973	2,185	1,013	17	66	4,505
Total Non-Durables	5,953	5,352	4,604	52,391	151,597	47,210	6,666	19,010	286,830
Durables									
Wood Industries									
Furniture and Fixture Industries	645	1	576	1,319	3,065	1,385	97	219	6,662
Primary Metal Industries	682	7	123	353	1,434	517	17	9	2,460
Metal Fabricating Industries	203	1,294	289	30,087	56,487	20,296	211	3,223	111,886
Machinery Industries	2,026	-	757	1,583	12,673	3,628	216	150	19,007
Transportation Equipment Industries	606	17	321	930	5,261	1,917	92	22	8,560
Electrical Products Industries	373	1,359	1,051	6,143	14,257	7,818	232	983	31,843
Non-Metallic Mineral Products Industries	476	3	134	1,037	5,747	2,846	51	53	9,871
Total Durables	450	9,241	482	11,757	26,315	7,108	135	529	55,567
Total Durables	5,461	11,923	3,733	53,210	125,239	45,514	1,050	5,188	245,857
Total Durables and Non- Durables	11,414	17,275	8,336	105,600	276,836	92,725	7,716	24,198	532,688

¹ Fuel oil including diesel fuel, kerosene and bunker "C".

² LPG = liquefied petroleum gas (Propane etc.).

³ Estimated.

Source: SC and Ministry of Treasury and Economics, Central Statistical Services.

Table 19.9

Energy Sales, Ontario Hydro, 1971-1979

	1971	1972	1973	1974	1975	1976	1977	1978	1979
Disposal of Energy									
Primary Energy Sales									
(Million kWh)									
Municipalities	41,771	45,950	49,340	51,852	54,523	57,635	58,348 ¹	61,285	63,347 ^p
Retail	8,247	9,069	9,880	10,736	11,049	12,436	13,021 ¹	12,927	13,011
Direct	13,727	13,539	14,075	14,829	12,594	14,071	15,187 ¹	14,775	15,757
Total	63,745	68,558	73,295	77,417	78,166	84,142	86,556 ¹	88,987	92,115
Secondary Energy Sales and Transfers	4,073	6,478	7,745	8,078	4,918	6,625 ¹	10,540 ¹	11,549	12,503
(Million kWh)									
Losses and Unaccounted for ¹	4,404	4,958	4,868	5,278	6,056	6,711 ¹	6,298 ¹	6,386	6,022
Average Revenue per kWh (¢)									
Residential	1.45	1.53	1.63	1.74	1.94	2.23	2.80	2.98	3.22
Farm	1.79	1.78	1.87	2.06	2.24	2.46	3.02 ¹	3.21	3.42
General	1.00	1.04	1.13	1.21	1.39	1.63	2.08 ¹	2.17	2.35
Miles of Line (Circuit Miles)									
Transmission	21,915	22,325	22,920	23,282	23,741	24,211 ¹	24,684	24,919	24,535
Retail Distribution	52,747	53,322	54,116	54,740	55,567	56,150	56,671	56,283	56,021
Revenues (\$ Million)									
Primary Power and Energy	607	665	794	896	1,028	1,320	1,637 ²	1,849 ²	2,222
Municipal Utilities	373	419	506	551	654	838	1,108	1,275	1,442
Retail Customers	139	151	178	219	248	312	407	442	475
Direct Customers	95	94	110	126	126	170	244	262	305
Secondary Power and Energy	23	37	62	102	43	90	210	289	347

¹ The allocation of total transmission losses to primary and secondary loads is estimated.² Primary Power and Energy reduced by excess revenues of \$122 million in 1977 and \$130 million in 1978.

Source: Ontario Hydro.

Table 19.10
Percentage of Energy Supply by Source, Ontario Hydro, 1950–1979

	Hydro	Coal	Natural Gas	Oil	Nuclear	Receipts	Total Kilowatt Hours
							Million
1950	67.15	0.63	-	0.02	-	32.20	18,259
1951	74.01	0.55	-	-	-	25.44	18,811
1952	74.38	2.07	-	-	-	23.55	19,975
1953	69.35	8.41	-	-	-	22.24	20,913
1954	76.48	4.27	-	-	-	19.25	22,387
1955	83.10	1.50	-	0.01	-	15.39	26,555
1956	81.99	3.16	-	0.01	-	14.84	29,524
1957	79.58	4.69	-	0.01	-	15.72	31,101
1958	79.61	1.91	-	0.01	-	18.47	31,450
1959	82.50	0.95	-	0.01	-	16.54	35,465
1960	83.65	0.44	-	0.01	-	15.90	37,709
1961	80.04	1.34	-	0.01	-	18.61	38,212
1962	69.98	9.16	-	0.01	0.05	20.80	39,884
1963	63.45	18.45	-	0.01	0.21	17.88	41,471
1964	61.12	18.99	-	-	0.32	19.57	44,399
1965	62.16	22.39	-	0.01	0.25	15.19	47,528
1966	65.04	19.74	-	0.02	0.31	14.89	51,753
1967	62.61	23.61	-	0.04	0.14	13.60	54,615
1968	59.76	26.72	-	0.15	0.15	13.22	58,694
1969	58.71	29.87	-	0.22	0.13	11.07	62,449
1970	52.46	32.51	-	0.42	0.18	14.43	68,074
1971	48.25	33.87	1.10	0.16	4.03	12.59	72,221
1972	47.02	28.17	4.21	0.07	7.24	13.29	79,994
1973	42.92	22.18	4.24	0.05	15.81	14.80	85,909
1974	41.59	22.14	5.41	0.02	14.91	15.93	90,774
1975	39.41	22.84	5.99	0.63	12.68	18.45	89,140
1976	36.10	23.63	4.60	2.95	16.46	16.26	97,478
1977	32.44	25.44	3.92	1.51	23.68	13.00	103,394
1978	33.51	25.32	1.95	1.63	27.09	10.50	106,922
1979	35.05	25.80	1.34	0.89	29.21	7.78	110,640

Source: Ontario Hydro.

Table 19.11
Primary Energy Made Available, Ontario Hydro, 1950–1979

	Annual Quantity		Annual Quantity		Annual Quantity
		Billions of kilowatt-hours			
1950	15.58	1960	32.72	1970	64.29
1951	17.64	1961	33.86	1971	68.13
1952	18.77	1962	35.78	1972	73.49
1953	19.95	1963	37.64	1973	78.16
1954	20.79	1964	40.63	1974	82.70
1955	23.26	1965	43.58	1975	84.22
1956	25.54	1966	48.06	1976	90.85
1957	27.40	1967	51.36	1977	92.86
1958	28.38	1968	55.79	1978	95.37
1959	31.55	1969	59.43	1979	98.13

Source: Ontario Hydro.

Table 19.12
Generation of Energy, Canada and Ontario, 1973-1978

	1973	1974	1975	1976	1977	1978
Thousands of kilowatt-hours ¹						
Canada						
Electric Utilities and Industrial Establishments						
Hydro	192,842,504	210,936,420	202,396,449	212,791,615	220,267,530	234,190,234
Thermal	70,492,397	69,319,855	70,995,922	81,251,815	96,928,382	102,147,251
Total energy generated	263,334,901	280,256,275	273,392,371	294,043,430	317,195,912	336,337,485
Electric Utilities						
Publicly and privately-operated						
Hydro	161,076,292	178,206,880	172,920,099	188,803,729	190,014,595	202,559,953
Thermal	64,277,916	63,210,557	65,428,027	74,935,277	90,255,157	94,912,909
Total energy generated	225,354,208	241,417,437	238,348,126	263,739,006	280,269,752	297,472,862
Publicly-operated						
Hydro	135,058,708	143,605,889	132,153,347	. ⁶	. ⁶	. ⁶
Thermal	55,718,776	54,074,139	55,389,845	. ⁶	. ⁶	. ⁶
Total energy generated	190,777,484	197,680,028	187,543,192	. ⁶	. ⁶	. ⁶
Privately-operated						
Hydro	26,017,584	34,600,991	40,766,752	. ⁶	. ⁶	. ⁶
Thermal	8,559,140	9,136,418	10,038,182	. ⁶	. ⁶	. ⁶
Total energy generated	34,576,724	43,737,409	50,804,934	. ⁶	. ⁶	. ⁶
Industrial Establishments						
Hydro	31,766,212	32,729,540	29,476,350	23,987,886	30,252,935	31,360,281
Thermal	6,214,481	6,109,298	5,567,895	6,316,538	6,673,225	7,234,342
Total energy generated	37,980,693	38,838,838	35,044,245	30,304,424	36,926,160	38,664,623

Table 19.12 (cont'd)**Generation of Energy, Canada and Ontario, 1973-1978**

	1973	1974	1975	1976	1977	1978
Ontario						
Electric Utilities and Industrial Establishments						
Hydro	40,809,952	41,473,669	38,399,565	38,376,851	36,519,370	39,215,160
Thermal	39,212,215 ²	41,171,537 ³	40,158,765 ⁴	49,041,531 ⁵	59,361,120 ⁷	63,018,077 ⁸
Total energy generated	80,022,167	82,645,206	78,558,330	87,418,382	95,880,850	102,233,237
Electric Utilities						
Publicly and privately-operated						
Hydro	39,221,219	39,804,414	36,840,237	36,775,892	34,832,072	37,372,408
Thermal	37,078,505 ²	38,953,972 ³	38,154,558 ⁴	46,817,193 ⁵	56,759,551 ⁷	60,327,274 ⁸
Total energy generated	76,299,724	78,758,386		83,593,085	91,591,623	97,699,682
Publicly-operated						
Hydro	37,079,969	37,956,520	35,327,712	. ⁶	. ⁶	. ⁶
Thermal	37,053,061 ²	38,933,996	38,137,972	. ⁶	. ⁶	. ⁶
Total energy generated	74,133,030	76,890,516	73,456,684	. ⁶	. ⁶	. ⁶
Privately-operated						
Hydro	2,141,250	1,847,894	1,512,525	. ⁶	. ⁶	. ⁶
Thermal	25,444	19,976	16,586	. ⁶	. ⁶	. ⁶
Total energy generated	2,166,694	1,867,870	1,529,111	. ⁶	. ⁶	. ⁶
Industrial Establishment						
Hydro	1,588,733	1,669,255	1,559,328	1,600,959	1,687,658	1,842,752
Thermal	2,133,710	2,217,565	2,004,207	2,224,338	2,601,569	2,690,803
Total energy generated	3,722,443	3,886,820	3,563,535	3,825,297	4,289,227	4,533,555

1) Kilowatt-hours generated after deducting station service.

2) Includes 14,255,975 thousand kilowatt-hours of nuclear generation.

3) Includes 13,863,848 thousand kilowatt-hours of nuclear generation.

4) Includes 11,857,747 thousand kilowatt-hours of nuclear generation.

5) Includes 16,430,255 thousand kilowatt-hours of nuclear generation.

6) Breakdown discontinued.

7) Includes 24,828,480 thousand kilowatt-hours of nuclear generation.

8) Includes 29,434,558 thousand kilowatt-hours of nuclear generation.

Source: SC, *Electric Power Statistics, Volume II*.

Table 19.13
Electric Energy Distributed to Residential and General Services by Ontario Hydro¹, by Selected Urban Area², Ontario, 1975-1979

	Electric Energy Distributed to:									
	Residential Services					General Services ³				
	Per Cent Change					Per Cent Change				
	1979 Total	79/78	78/77	77/76	76/75	1979 Total	79/78	78/77	77/76	76/75
Million kWh						Million kWh				
Ontario ⁵	23,911	3	3.2	2.8	8.0	63,278	4.2	2.1	3.7	7.9
Toronto (metro)	4,752	1.0	.1	0.3	1.9	14,261	3.8	2.1	1.3	5.1
Hamilton ⁴	746	2.6	.8	-.7	3.9	4,982	7.8	3.6	1.2	3.3
Ottawa	868	-2.6	3.8	-3.1	3.5	2,333	-1.4	.7	-2.9	6.4
London	639	3.1	3.9	2.1	1.9	1,202	3.0	1.9	0.4	3.9
Windsor	484	1.9	1.9	3.8	4.2	1,328	-2.0	.7	4.6	12.2
Kitchener-Wilmot	390	4.6	18.0 ⁶	2.3	4.4	924	4.3	12.3 ⁶	1.8	7.2
St. Catharines	280	0.4	-1.1	5.2	3.5	990	0.6	1.9	3.6	10.8
Thunder Bay	353	3.5	3.3	1.2	2.8	635	6.0	5.5	2.0	3.7
Oshawa	367	6.1	4.2	7.4	5.5	785	1.7	2.4	5.6	8.8
Niagara Falls	146	1.4	-	5.1	3.0	268	3.5	3.2	9.6	0.9
Brantford	194	1.6	4.9	4.0	5.4	416	5.3	.8	2.3	4.9
Guelph	230	6.5	2.4	-5	9.3	512	7.6	1.7	0.2	8.1
Kingston	160	1.9	1.9	-6	4.7	344	2.0	5.1	1.5	5.8
Peterborough	210	-	5.0	2.6	3.7	354	1.7	2.7	-0.6	7.2
Samia ⁴	133	-9.5	-1.3	1.4	2.9	520	2.8	11.7	17.1	9.9
North Bay	179	0.6	5.3	-3.4	10.8	248	1.2	2.9	3.0	6.5
Welland	87	3.6 ⁶	5.0	3.9	1.3	226	6.1 ⁶	6.5	-7.0	-2.3
Brampton	345	8.5	154.4 ⁶	5.0	8.2	765	11.0	157.1 ⁶	2.7	5.2

¹ Electrical energy distributed by Ontario Hydro and The Associated Municipal Utilities only.

² Urban areas represent incorporated municipalities.

³ General Services includes Commercial, Industrial and Large Industrial customers (over 5,000 kW).

⁴ Utilities on Commercial and Industrial Rate.

⁵ Including urban areas not listed here.

⁶ Restructured.

Source: Ontario Hydro

Table 19.14Number of Ultimate Customers¹ Served Directly or Indirectly by Ontario Hydro, 1961-1979

	Retail Customers of the Municipal Utilities	Power District		Total
		In Rural Areas (Including Utilities)	Direct Customers (Including Utilities)	
1961	1,423,427	515,257	213	1,938,897
1962	1,460,553	530,526	210	1,991,289
1963	1,497,857	543,675	200	2,041,732
1964	1,552,238	543,345	171	2,095,754
1965	1,595,343	546,771	167	2,142,281
1966	1,630,255	557,338	173	2,187,766
1967	1,673,104	572,422	189	2,245,715
1968	1,709,111	582,718	186	2,292,015
1969	1,738,512	605,112	183	2,343,807
1970	1,766,086	622,379	96	2,388,561
1971	1,789,599	644,747	100	2,434,446
1972	1,821,795	658,565	102	2,480,462
1973	1,841,958	694,852	98	2,536,908
1974	1,872,461	720,273	99	2,592,833
1975	1,899,392	747,609	107	2,647,108
1976	1,941,100	768,956	109	2,710,165
1977	1,979,494	795,162	113	2,774,769
1978	2,046,952	785,705	108	2,832,765
1979	2,106,705	770,937	111	2,877,753

1) For the years 1961-1969, special customers below 5000 kW were included in "Direct Customers". After 1969, these customers were included in "Retail Customers of Ontario Hydro - in Rural Areas".

Source: Ontario Hydro.

Table 19.15

Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1962-1979

	Eastern Ontario							
	Total All Zones						Lake Ontario	
			Ottawa Valley		Upper St. Lawrence			
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's
1962	32,868.7	325,345	1,996.1	20,876	1,158.0	10,273	1,561.1	17,705
1963	34,930.0	345,100	2,162.5	22,776	1,209.9	10,786	1,677.2	19,074
1964	37,606.8	368,489	2,325.8	24,549	1,320.9	11,693	1,787.2	20,512
1965	40,856.3	398,815	2,500.7	26,256	1,458.2	12,677	1,853.9	21,622
1966	44,853.0	429,599	2,650.5	27,921	1,646.8	14,283	2,037.9	22,954
1967	47,606.5	463,978	2,990.8	31,754	1,656.3	14,740	2,222.2	24,840
1968	51,769.5	516,474	3,252.4	35,906	1,732.4	15,512	2,351.5	27,087
1969	55,143.4	576,253	3,587.7	40,746	1,777.4	16,733	2,631.2	30,929
1970	59,746.1	644,466	3,926.6	46,428	1,841.6	18,135	2,896.1	35,249
1971	63,283.9	714,358	4,194.4	53,978	1,915.4	19,837	3,147.7	39,510
1972	68,068.8	795,008	4,640.2	62,033	2,045.9	21,720	3,388.6	44,179
1973	72,672.9	915,411	5,052.7	68,705	2,131.8	24,788	3,632.0	50,049
1974	76,290.2	1,039,278	5,422.4	79,831	2,253.5	28,841	3,905.3	59,014
1975	76,542.5	1,187,918	5,718.1	94,792	2,469.5	38,837	3,619.6	61,478
1976	82,132.9	1,486,810	6,313.1	119,908	2,663.5	48,332	3,909.8	77,556
1977	84,897.1	1,950,584	6,329.4	150,332	2,825.9	64,869	4,052.1	102,096
1978	86,858.4	2,096,843	6,560.3	165,603	2,961.1	71,490	4,188.0	111,693
1979	90,093.8	2,351,641	6,638.8	178,998	3,095.2	81,286	4,378.6	125,755

Table 19.15 (cont'd)

	Niagara							
	Metropolitan Toronto Region		Niagara ¹				Lake Erie ¹	
			Burlington					
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's
1962	9,050.3	104,792	2,831.8	25,115	4,204.8	26,262	1,379.4	17,416
1963	9,762.2	111,591	3,114.9	26,189	4,097.0 ¹	26,398	1,472.8	18,414
1964	10,721.4	120,065	3,428.0	28,343	4,422.9	28,097	1,599.9	19,692
1965	11,706.0	130,088	3,763.5	32,229	4,861.0	30,190	1,744.0	21,909
1966	12,971.9	141,391	4,197.1	35,709	5,249.7	32,889	1,909.6	23,559
1967	14,096.8	152,730	4,256.9	37,975	5,133.5	34,002	2,076.8	25,588
1968	15,352.1	173,001	4,555.2	41,376	5,110.3	35,477	2,271.8	27,844
1969	16,789.4	193,551	4,658.8	44,551	5,404.5	40,472	2,474.3	31,330
1970	17,917.4	210,605	5,012.7	50,728	5,540.0	43,844	2,635.2	35,208
1971	19,507.0	237,304	5,241.2	54,459	5,413.8	46,203	2,784.8	37,538
1972	21,284.1	268,996	5,756.6	61,374	5,331.3	47,974	3,020.3	41,438
1973	22,970.0	312,728	6,217.7	72,992	5,336.4	54,949	3,324.7	47,735
1974	24,385.5	351,684	6,350.3	79,119	5,463.0	60,987	3,468.9	53,560
1975	25,803.5	411,384	6,393.2	88,000	8,448.2	128,392	...	...
1976	27,285.9	508,536	6,667.9	111,190	8,710.9	156,307	...	...
1977	27,934.1	661,853	6,782.8	145,738	9,085.4	205,777	...	...
1978	28,830.3	711,606	6,915.8	153,413	9,404.0	222,879	...	...
1979	29,665.9	797,814	7,374.7	174,661	9,793.5	250,419	...	...

Table 19.15 (cont'd)

Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1962–1979

	Lake St. Clair				Upper Grand River		Georgian Bay			
	Border		Lambton		Sales kWh	Revenue	Blue Water		Highlands	
	Sales kWh	Revenue	Sales kWh	Revenue			Sales kWh	Revenue	Sales kWh	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's
1962	977.9	14,047	1,200.1	8,981	1,514.3	19,234	811.7	11,873	132.3	2,494
1963	1,067.8	14,891	1,332.6	10,272	1,664.3	20,701	892.7	12,885	147.7	2,739
1964	1,175.7	15,900	1,194.8	9,916	1,800.9	22,036	952.0	13,616	173.3	3,023
1965	1,347.4	17,598	1,360.8	11,156	2,005.8	24,117	1,068.2	14,718	183.9	3,326
1966	1,506.0	18,984	1,738.9	12,954	2,185.6	25,737	1,170.3	15,559	201.7	3,488
1967	1,654.0	20,841	1,887.4	13,673	2,402.4	28,383	1,329.5	17,116	224.7	3,776
1968	1,855.5	23,629	2,187.0	15,629	2,627.6	31,767	1,489.1	19,392	257.1	4,230
1969	1,992.3	25,931	2,314.8	17,710	2,821.9	35,078	1,698.5	23,257	294.4	4,869
1970	2,211.2	29,142	2,616.6	20,749	3,051.5	38,937	1,882.4	26,273	337.9	5,517
1971	2,449.6	33,378	2,683.2	22,494	3,258.7	41,712	2,049.7	29,577	400.8	6,434
1972	2,677.0	37,587	2,564.4	21,172	3,543.4	47,166	2,389.9	34,594	456.6	7,410
1973	2,892.7	42,616	2,218.7	21,792	3,762.2	52,405	2,888.5	42,589	486.1	8,392
1974	2,914.6	45,504	2,124.6	23,796	3,912.7	58,897	3,257.0	51,355	537.5	9,847
1975	2,976.8	52,176	2,135.0	27,207	4,119.7	69,151	2,860.3	54,957	561.1	11,830
1976	3,228.0	62,939	2,325.6	34,492	4,400.8	85,802	3,180.4	69,125	611.2	14,243
1977	3,392.6	83,592	2,575.1	49,526	4,516.7	110,852	3,285.4	90,189	639.3	18,818
1978	3,473.6	90,260	2,689.6	53,738	4,740.4	122,279	3,417.7	99,521	649.4	20,621
1979	3,524.7	101,709	2,877.0	61,897	5,075.4	140,408	3,556.5	111,343	658.9	22,669

Table 19.15 (cont'd)

	Northeastern Ontario						Northwestern Ontario	
	Clay Belt		Nickel Range		Sault		Lakehead	
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's
1962	1,182.8	11,849	1,574.5	12,311	374.0	3,142	2,919.6	18,975
1963	1,187.4	12,590	1,638.6	12,942	386.7	3,159	3,114.8	19,693
1964	1,216.7	13,108	1,801.2	13,825	333.9	3,063	3,352.2	21,041
1965	1,330.3	13,920	1,925.3	14,499	239.5	2,513	3,507.8	21,997
1966	1,368.2	13,838	1,950.7	14,363	259.6	2,562	3,808.5	23,408
1967	1,557.1	15,264	2,248.5	16,048	326.2	3,000	3,543.4	24,248
1968	1,778.6	16,894	2,626.3	18,254	484.2	4,062	3,838.4	26,414
1969	1,891.8	19,002	2,240.0	17,870	418.5	3,860	4,147.9	30,364
1970	2,005.2	20,708	3,042.9	24,353	593.3	4,907	4,235.5	33,683
1971	2,049.8	22,372	3,294.6	27,949	557.9	5,171	4,335.3	36,442
1972	2,435.7	26,115	3,104.3	28,308	827.0	5,121	4,604.6	39,824
1973	2,741.9	31,400	3,112.5	31,932	1,162.5	7,084	4,742.5	45,256
1974	2,960.2	37,148	3,360.7	37,300	1,140.4	10,711	4,833.5	51,684
1975	2,836.3	41,530	3,305.6	41,562	1,092.4	12,323	4,203.1	54,300
1976	3,197.5	54,078	3,570.1	53,681	1,328.8	18,302	4,739.4	72,319
1977	3,159.9	70,286	3,450.8	67,555	1,493.5	26,624	5,365.0	102,473
1978	3,257.8	75,308	2,927.9	63,696	1,419.1	26,454	5,424.3	108,283
1979	3,465.8	86,071	2,939.5	68,473	1,612.0	32,762	5,437.4	117,378

1) The Niagara figures for 1975 to 1979 represent Niagara and Lake Erie.

Source: Ontario Hydro.

Table 19.16**Installed Generating Capacity, Canada and Ontario, 1973-1978¹**

	1973	1974	1975	1976	1977	1978
Nameplate rating in '000's kilowatts						
Canada						
Electric Utilities and Industrial Establishments						
Hydro	34,266	36,779	37,282	39,488	40,810	41,898
Thermal	20,111	20,751	24,070	26,908	29,765 ⁴	32,609 ⁶
Total installed generating capacity	54,377	57,530	61,352	66,396	70,575	74,507
Electric Utilities						
Publicly and privately-operated						
Hydro	29,863	32,376	32,821	35,014	36,305	37,442
Thermal	18,678	19,284	22,537	25,229	27,903 ⁴	30,704 ⁶
Total installed generating capacity	48,541	51,660	55,358	60,243	64,238	68,146
Publicly-operated						
Hydro	24,169	24,775	25,266	28,158	28,732	35,342
Thermal	16,790	17,389	20,451	22,716	24,999 ⁴	27,143 ⁶
Total installed generating capacity	40,959	42,164	45,717	50,874	53,731	62,485
Privately-operated						
Hydro	5,694	7,601	7,555	6,856	7,572	2,100
Thermal	1,888	1,894	2,085	2,513	2,904	3,561
Total installed generating capacity	7,582	9,495	9,641	9,369	10,477	5,661
Industrial Establishments						
Hydro	4,403	4,403	4,460	4,474	4,505	4,455
Thermal	1,433	1,467	1,534	1,679	1,862	1,906
Total installed generating capacity	5,836	5,870	5,994	6,153	6,367	6,361

Table 19.16 (cont'd)**Installed Generating Capacity, Canada and Ontario, 1973-1978¹**

	1973	1974	1975	1976	1977	1978
Nameplate rating in '000's kilowatts						
Ontario						
Electric Utilities and Industrial Establishments						
Hydro	7,008	7,008	6,989	7,024	7,084	7,083
Thermal	10,799 ²	11,353 ²	14,147	15,529 ³	16,827	18,633 ⁷
Total installed generating capacity	17,807	18,361	21,136	22,240	23,911	25,716
Electric Utilities						
Publicly and Privately-operated						
Hydro	6,754	6,754	6,690	6,726	6,785	6,784
Thermal	10,260 ²	10,788 ²	13,586	14,909 ³	16,520 ⁵	18,320 ⁷
Total installed generating capacity	17,014	17,542	20,276	21,635	23,305	25,104
Publicly-operated						
Hydro	6,423	6,423	6,387	6,423	6,482	6,481
Thermal	10,252 ²	10,780 ²	13,581	14,903	16,514 ⁵	18,314 ⁷
Total installed generating capacity	16,675	17,203	19,968	21,326	22,996	24,795
Privately-operated						
Hydro	332	332	303	303	303	303
Thermal	8	8	6	6	6	6
Total installed generating capacity	340	340	308	309	309	309
Industrial Establishments						
Hydro	253	253	299	299	299	299
Thermal	539	564	561	620	307	313
Total installed generating capacity	792	817	860	919	606	612

1) Generating capacity figures are for the end of each year.

2) Includes 2,400,000 kW nuclear generating capacity.

3) Includes 3,200,000 kW nuclear generating capacity.

4) Includes 5,066,300 kW nuclear generating capacity.

5) Includes 4,800,000 kW nuclear generating capacity.

6) Includes 5,866,400 kW nuclear generating capacity.

7) Includes 5,600,000 kW nuclear generating capacity.

Source: SC, *Electric Power Statistics, Volume II*.

Table 19.17

Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1972-1979

	1972		1973		1974		1975	
	Canada ¹	Ontario	Canada ¹	Ontario	Canada ¹	Ontario	Canada	Ontario
thousands of cubic metres								
Receipts								
Net receipts								
From field	83,989	-	98,427	-	93,059	-	78,793	-
From other carriers	1,281	30	1,303	26	1,614	25	1,439	22
From processing plants	13,790	433	14,439	736	13,282	1,276	12,504	1,626
Imports	25,679	-	26,892	-	24,096	42	25,593	122
From other	-	-	48	-	1,921	55	1,018	102
Net receipts-Total	124,739	463	141,109	762	133,972	1,398	119,347	1,872
Transfers								
From other provinces	152,622	28,489	182,089	31,847	172,790	33,751	146,469	30,680
Gross receipts-Total	277,361	28,952	323,198	32,609	306,762	35,149	265,816	32,552
Disposition								
Net deliveries								
To refineries	68,219	21,737	73,566	24,357	76,988	27,544	75,524	25,755
To other carriers	120	-	146	-	105	11	143	-
To bulk plants and terminals	-	-	1	-	50	43	809	122
To processing plants	269	266	435	433	850	849	1,112	1,081
For export	55,299	6,836	65,778	7,829	52,504	6,837	40,829	5,724
To other	357	39	1,019	-	3,359	-	862	-
Net deliveries-Total	124,264	28,878	140,945	32,619	133,856	35,284	119,279	32,682
Transfers								
To other provinces	152,622	-	182,089	-	172,790	-	146,469	-
Gross deliveries-Total	276,886	28,878	323,034	32,619	306,646	35,284	265,748	32,682
Pipe line fuel and use	34	-	35	-	26	-	14	-
Line losses and unaccounted for	84	-	55	1	140	-	79	-
Inventory changes	357	74	74	-11	-50	-135	-25	-130
Disposition-Total	277,361	28,952	323,198	32,609	306,762	35,149	265,816	32,552

Table 19.17 (cont'd)

Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1972-1979

	1976		1977		1978 ¹		1979 ²	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
thousands of cubic metres								
Receipts								
Net receipts								
From field	71,483	-	73,389	-	71,194	-	80,692	-
From other carriers	1,189	19	1,410	17	1,584	15	1,523	9
From processing plants	11,918	1,483	9,592	1,353	10,467	878	11,669	1,025
Imports	22,912	591	17,094	3,358	15,483	5,197	12,773	5,026
From other	-	204	213	-	438	-	361	-
Net receipts- Total	107,742	2,297	101,698	4,728	99,166	6,090	107,018	6,060
Transfers								
From other provinces	144,952	35,437	160,546	39,497	166,382	41,823	174,980	47,843
Gross receipts- Total	252,694	37,734	262,244	44,225	265,548	47,913	281,998	53,903
Disposition								
Net deliveries								
To refineries	77,893	26,361	80,813	29,070	82,098	31,184	88,775	34,588
To other carriers	242	13	227	-	200	-	110	-
To bulk plants and terminals	232	185	66	22	390	40	141	65
To processing plants	434	435	696	696	854	854	888	888
For export	27,708	2,850 ²	18,976	1,344 ³	15,684	184 ⁴	16,738	471
To other	493	-	342	-	164	-	411	-
Net deliveries- Total	107,002	29,844	101,120	31,132	99,390	32,262	107,063	36,012
Transfers								
To other provinces	144,952	7,225	160,546	13,487	166,382	15,935	174,980	17,863
Gross deliveries- Total	251,954	37,069	261,666	44,619	265,772	48,197	282,043	53,875
Pipe line fuel and use	3	-	-	-	-	-	-	-
Line losses and unaccounted for	113	-	461	-91	48	3	158	-3
Inventory changes	624	665	117	-303	-272	-287	-203	31
Disposition- Total	252,694	37,734	262,244	44,255	265,548	47,913	281,998	53,903

¹ Includes movements of Canadian oil held in bond in the United States and estimated inventory changes of interprovincial pipelines in Manitoba and United States.

² Includes 335.2 thousands of cubic metres of United States oil re-exported to that country.

³ Includes 274.3 thousands of cubic metres of United States oil re-exported to that country.

⁴ Includes 134.4 thousands of cubic metres of United States oil re-exported to that country.

Source: SC, *Oil Pipeline Transport*.

Table 19.18

Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, Canada and Ontario, 1972-1979

	1972		1973		1974		1975	
	Canada ¹	Ontario	Canada ¹	Ontario	Canada ¹	Ontario	Canada ¹	Ontario
thousands of cubic metres								
Receipts								
Net receipts								
From processing plants	5,567	67	8,688	338	8,906	1,053	9,500	1,419
From refineries and bulk plants	16,436	10,098	17,464	11,140	19,790	12,750	20,649	12,327
Imports	-	-	-	-	158	158	455	455
From other carriers	1,108	-	940	-	804	-	1,672	-
From other	-	-	-	-	156	-	160	-
Net receipts- Total	23,111	10,165	27,092	11,478	29,814	13,961	32,436	14,201
Transfers								
From other provinces	12,669	5,290	14,625	5,746	15,479	5,267	18,846	5,994
Gross receipts- Total	35,780	15,455	41,717	17,224	45,293	19,228	51,282	20,195
Disposition								
Net deliveries								
To refineries	923	312	1,294	334	1,423	555	2,255	727
To other carriers	110	-	-	-	-	-	-	-
To bulk plants and terminals	19,339	14,971	21,263	16,444	22,388	17,380	23,539	17,968
For export	1,006	172	1,568	406	3,116	1,264 ²	2,952	1,445 ³
To other	1,836	-	2,906	-	2,693	-	3,448	-
Net deliveries Total	23,214	15,455	27,031	17,184	29,620	19,199	32,194	20,140
Transfers								
To other provinces	12,669	-	14,625	-	15,479	-	18,846	-
Gross deliveries- Total	35,883	15,455	41,656	17,184	45,099	19,199	51,040	20,140
Pipe line fuel and use	-	-	2	-	-	-	-	-
Line losses and unaccounted for	-46	-	-4	-4	41	-3	17	-7
Inventory changes	-57	-	63	44	153	32	225	62
Disposition- Total	35,780	15,455	41,717	17,224	45,293	19,228	51,282	20,195

Table 19.18 (cont'd)

Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, Canada and Ontario, 1972-1979

	1976		1977		1978 ^a		1979 ^a	
	Canada ¹	Ontario	Canada ¹	Ontario	Canada	Ontario	Canada	Ontario
thousands of cubic metres								
Receipts								
Net receipts								
From processing plants	9,855	1,502	11,974	3,253	10,245	3,220	12,395	3,280
From refineries and bulk plants	24,907	13,510	24,325	12,575	26,121	11,976	28,565	14,389
Imports	598	598	769	769	1,138	1,138	1,408	1,368
From other carriers	1,623	—	1,040	—	746	—	734	—
From other	125	—	1,283	—	1,697	153	2,689	—
Net receipts-Total	37,108	15,610	39,391	16,598	39,947	16,487	45,791	19,037
Transfers								
From other provinces	24,872	7,205	26,132	7,847	21,316	6,529	42,185	5,551
Gross receipts-Total	61,980	22,815	65,523	24,445	61,263	23,016	87,976	24,588
Disposition								
Net deliveries								
To refineries	4,843	1,125	5,333	819	4,811	651	4,886	864
To other carriers	—	—	481	—	428	—	526	75
To bulk plants and terminals	25,202	19,497	26,068	20,615	25,121	19,181	26,799	20,240
For export	4,210	2,123 ⁴	4,412	2,796 ⁵	4,932	3,078 ⁶	7,094	2,994 ⁷
To other	2,669	26	3,257	128	4,510	25	6,142	81
Net deliveries-Total	36,924	22,771	39,551	24,358	39,802	22,935	45,447	24,254
Transfers								
To other provinces	24,872	—	26,132	87	21,316	9	42,185	36
Gross deliveries-Total	61,796	22,771	65,683	24,445	61,118	22,944	87,632	24,290
Pipe line fuel and use								
	5	—	12	—	11	—	21	—
Line losses and unaccounted for								
	63	6	—36	48	—3	2	36	40
Inventory changes								
	116	38	—136	—48	137	70	287	258
Disposition-Total	61,980	22,815	65,523	24,445	61,263	23,016	87,976	24,588

1) Includes movements and inventory changes in Manitoba and the United States.

2) Includes 193,555 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.

3) Includes 411,093 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.

4) Includes 670,492 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.

5) Includes 691,399 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.

6) Includes 1,150,868 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.

7) Includes 1,163,672 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.

Source: SC, Oil Pipeline Transport.

Table 19.19

Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1974-1979

	1974		1975		1976	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
thousands of cubic metres						
Receipts						
By transport systems						
Fields	3,887,287	-	3,069,888	-	3,085,526	-
Processing Plants	54,032,097	-	56,196,627	-	57,003,008	-
By distribution systems						
Fields	6,667,750	209,739	6,692,792	308,405	6,371,157	138,636
Processing plants	3,942,413	-	3,332,175	-	3,180,337	-
Imports	379,819	378,913	289,510	287,612	114,756	113,481
Other receipts ¹	574,092	198	463,556	169	442,282	6,232
Total net receipts	69,483,458	588,850	70,044,548	596,186	70,197,066	258,349
Received from storage	2,863,264	2,593,555	3,174,786	2,813,662	3,763,013	3,340,759
Total supply of gas utilities	72,346,722	3,182,405	73,219,334	3,409,848	73,960,079	3,599,108
Transfers from other provinces	...	21,760,766	...	21,917,391	...	22,485,970
Total gross receipts	72,346,722	24,943,171	73,219,334	25,327,239	73,960,079	26,084,898
Disposition						
Sales						
Residential	8,298,952	3,519,167	8,476,227	3,434,240	8,862,250	3,850,688
Commercial	7,802,365	3,897,514	8,098,617	4,009,720	8,353,455	4,329,117
Industrial	21,130,557	11,030,407	20,951,185	10,616,254	21,619,213	10,998,567
Total sales	37,231,874	18,447,088	37,526,029	18,060,214	38,834,918	19,178,372
Exports	27,171,695	372,454	26,822,158	348,744	27,012,578	364,749
Other deliveries	785,757	991	604,997	254	940,371	6,714
Total net deliveries	65,189,326	18,820,533	64,953,184	18,409,212	66,787,867	19,549,835
Delivered to storage	3,843,351	2,798,988	4,725,876	3,537,863	4,302,546	3,004,564
Line pack fluctuation	65,125	1,841	63,001	-1,388	115,010	991
Gas used in system	2,844,370	656,271	2,510,243	531,147	2,349,880	534,433
Line losses and unaccounted for	404,550	308,379	967,030	406,846	404,776	560,835
Total demand on gas utilities	72,346,722	22,586,012	73,219,334	22,883,680	73,960,079	23,650,658
Transfers to other provinces	...	2,357,159	...	2,443,559	...	2,434,240
Total disposition	72,346,722	24,943,171	73,219,334	25,327,239	73,960,079	26,084,898

Table 19.19 (cont'd)

Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1974-1979

	1977		1978		1979	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
thousands of cubic metres						
Receipts						
By transport systems						
Fields	2,640,778	—	2,425,032	—	2,737,705	—
Processing Plants	59,748,230	—	57,026,811	—	61,968,996	—
By distribution systems						
Fields	7,213,373	238,209	6,984,964	311,199	6,468,478	291,676
Processing plants	3,785,449	—	3,656,483	—	4,613,635	—
Imports	822	—	1,844	—	2,161	—
Other receipts ¹	470,185	29,121	561,413	164,665	886,634	226,646
Total net receipts	73,858,837	267,330	70,656,547	475,864	76,677,609	518,322
Received from storage	4,045,923	3,474,098	3,995,612	3,469,517	3,964,154	3,659,065
Total supply of gas utilities	77,904,760	3,741,428	74,652,159	3,945,381	80,641,763	4,177,387
Transfers from other provinces	...	23,047,417	...	22,368,564	...	22,326,558
Total gross receipts	77,904,760	26,788,845	74,652,159	26,313,945	80,641,763	26,503,945
Disposition						
Sales						
Residential	8,891,515	3,731,513	9,319,943	3,914,319	9,602,586	3,958,641
Commercial	8,424,698	4,276,739	9,025,028	4,567,814	9,264,172	4,534,483
Industrial	23,230,842	10,814,719	23,400,283	10,191,367	24,628,329	10,421,808
Total sales	40,547,055	18,822,971	41,745,254	18,673,500	43,495,087	18,914,932
Exports	28,319,765	419,620	24,960,356	356,929	28,343,951	496,178
Other deliveries	1,431,180	36,175	1,348,396	7,046	1,601,121	1,263
Total net deliveries	70,298,000	19,278,766	68,054,006	19,037,475	73,440,159	19,412,373
Delivered to storage	4,994,284	4,222,095	4,549,806	3,689,593	4,659,012	3,483,553
Line pack fluctuation	76,909	963	48,959	1,864	103,401	63,002
Gas used in system	2,672,929	607,179	2,149,126	502,115	2,439,621	503,147
Line losses and unaccounted for	-137,362	120,960	-149,738	236,441	-430	-7,447
Total demand on gas utilities	77,904,760	24,229,963	74,652,159	23,467,488	80,641,763	23,454,628
Transfers to other provinces	...	2,558,882	...	2,846,457	...	3,049,317
Total disposition	77,904,760	26,788,845	74,652,159	26,313,945	80,641,763	26,503,945

¹ Includes peak shaving and enrichment.² Does not include 38,340 thousand cubic feet of liquid natural gas imported by motor carrier.

Source: SC, Gas Utilities.

Table 19.20Share Index of Consumption of Energy¹ per Person per Sector² of the Economy by Province, 1977³

	Ontario	Quebec	At- lantic Prov- inces	Man- itoba	Sask.	Alta.	B.C., Yukon, & N.W.T.	Canada Consum- ption per person
	Share Index							BTU x 10 ⁶
Energy Supply Industries	0.54	0.66	0.68	0.72	1.59	4.23	1.11	28.6
Transportation:								
a) Road	0.99	0.87	0.88	0.97	1.43	1.42	1.01	57.3
b) Rail	0.77	0.51	0.75	2.81	1.09	3.06	0.82	3.7
c) Air	0.80	0.86	1.12	1.31	0.63	1.59	1.42	6.0
d) Marine (excl. Navy)	0.75	1.17	2.18	0.01	--	--	1.78	3.9
Domestic and Farm	0.96	0.93	0.99	1.00	1.50	1.30	0.91	49.0
Commercial	1.06	0.87	0.71	0.96	0.54	1.91	0.90	35.0
Industrial	1.14	0.80	0.78	0.54	0.91	1.60	1.00	80.3
Non Energy Use	1.24	1.04	--	--	0.02	1.25	0.93	2.3
Losses and Adjustments	0.70	-0.05	2.03	0.53	-2.74	6.15	1.22	2.9
Total - All sectors	0.98	0.83	1.02	0.82	1.09	1.87	1.00	269.0

1) Energy commodities included where applicable: coal, coke, coke oven gas, liquefied petroleum gases, crude oil, still gas, motor gasoline, kerosene. Diesel fuel oil, light fuel oil, heavy fuel oil, petroleum coke, aviation gasoline, aviation turbo fuel, natural gas and electricity.

2) Since data are submitted to Statistics Canada by the energy supply industries on a non-coordinated basis the sector allocations are estimates only.

3) (Share index conversion of BTU x 10⁶: e.g. Ontario Share Index 0.54 = (28.6 x 0.54) BTU x 10⁶ = 15.4 BTU x 10⁶). Includes consumption in all sectors of the economy. The breakdown into various energy types is done as close to the final step in consumption as they can be traced; electricity derived from all sources is shown as simple heat equivalent of electricity generated. The relative share is based on the average for Canada: thus if 20% of all Canadians were located in a certain province in which 30% of all Diesel oil were consumed, the corresponding index would be 1.5: thus a number greater than 1 indicates relatively heavy use of energy.

Source: Central Statistical Services, based on SC Catalogue 11-509E, Occasional (March 1978), *Human Activity and the Environment*; 91-201, Annual (June, 1979). *Estimated Population of Canada by Province at June 1, 1979*; 57-207, Annual (November, 1979), *Detailed energy supply and demand in Canada 1977*

Table 19.21

Program Funding Allocations by the Federal¹ and Ontario Governments for Renewable Energy and for Energy Conservation.

	Solar	Wind	Biomass	Other	Conservation
	\$ Million				
Canada (Federal Government)	135.9 ²	2.1 ³	187.6 ⁴	238.7 ⁵	114.0 ⁶
Ontario ⁷ (Provincial Government)	2.1	0.3	0.5	2.2	9.5
Other Provincial ⁸ Governments	1.8	0.7	3.9	1.5	2.4
Ontario Hydro ⁹	—	—	—	2.9	1.4

1) Federal Interdepartmental Energy R & D Expenditures designated for 1978-80 are \$108.8 mil. in the renewable energy conservation fields.

2) The PUSH, 1979-1984; LEBDA and RFP programs.

3) The RAP and PILP, NRC and Federal Departments programs.

4) The BELG 1980-84; DIRECT 1980-85; ENFOR 1980-84; NRC and Federal Departments programs.

5) The AERD; IRAP 1980-85; MINI-IRAP, Provincial & Joint Federal-Provincial, NRC and Federal Departments programs.

6) The F.I.R.E. 1978-85; RAP, IERD, Unsolicited Proposals, NRC and Federal Departments programs.

7) 91 R & D projects representing \$4.9 mil. for 1978-79; and, 250 projects (co-ordinated by the Ministry of Energy) representing \$9.8 mil. in 1979-80.

8) 105 R & D projects representing \$10.3 mil. in 1978-79.

9) For Ontario Hydro, see definitions.

Source: Central Statistical Services, based on the following releases:

—Reports E179-1 (Cat. No. M23-13/79-1), *New Energy/New Opportunities Programs to Develop Renewable Energy and Conservation* and ER79-5 (Cat. No. M23-14/79-5, June 1979), *Estimated Energy R. & D. Funding by Provincial Governments in 1976-7, 1977-8 and 1978-9* by Energy, Mines and Resources Canada.

—NRC No. 17978, DEC. 1979, *Renewable Energy Research and Development in Canada* by National Research Council Canada.

—Ontario Hydro's Energy Conservation Division and Enquiry and Research Services.

—Ministry of Energy estimates, 1979-80.

Table 19.22
Ratio of Value of Shipments of Goods of Own Manufacture to Cost of Fuel and Electricity, Canada and Provinces, 1957-1977

	Canada	Ontario	New- found- land	Prince Edward Island	Nova Scotia	New Brun- swick	Québec	Mani- toba	Saskat- chewan	Alber- ta	British Colum- bia	Yukon & North- west Terri- to- ries
	Per cent											
1957	45.1	48.8	15.6	59.0	37.2	21.8	43.0	54.6	45.2	55.2	42.1	74.2
1958	45.5	49.1	16.6	63.4	40.8	23.5	44.2	62.2	46.2	56.1	37.4	116.0
1959	46.4	49.3	17.9	58.8	42.2	22.7	45.5	61.3	47.5	55.4	39.5	52.8
1960	46.2	48.7	18.7	61.8	39.4	24.6	46.4	58.7	45.1	52.7	39.8	59.8
1961	45.4	48.7	19.3	64.8	38.0	25.6	44.8	45.0	42.6	53.9	39.8	66.0
1962	47.7	51.8	19.3	58.3	38.5	25.8	47.3	45.8	42.9	56.3	40.5	49.2
1963	49.6	54.7	20.4	58.8	41.5	27.6	48.1	47.4	45.2	55.1	41.7	47.0
1964	50.2	55.8	20.0	56.5	41.9	27.9	47.3	51.8	44.1	56.8	42.7	69.5
1965	50.2	56.2	20.1	56.9	41.0	24.0	47.6	49.0	45.5	57.1	41.9	42.3
1966	51.0	57.3	21.6	57.0	43.3	24.0	48.1	50.9	48.5	58.9	41.7	46.7
1967	51.3	57.5	20.1	58.9	41.4	24.4	49.2	50.4	47.3	62.9	40.0	55.4
1968	52.0	58.9	20.7	52.9	40.0	25.9	49.7	46.9	44.5	62.9	41.0	59.7
1969	53.4	61.6	20.9	55.9	39.9	26.8	50.2	48.5	43.6	63.1	41.9	56.2
1970	51.3	57.5	19.6	61.3	42.4	25.8	49.4	47.9	43.9	65.4	40.9	89.4
1971	50.3	57.6	21.3	57.4	30.3	23.2	47.8	48.7	47.5	67.2	38.7	48.8
1972	52.1	59.3	22.0	72.2	34.2	24.0	48.6	52.8	48.8	71.4	42.7	35.4
1973	54.6	61.8	22.4	73.0	39.7	25.1	50.2	58.5	53.3	76.4	46.6	50.9
1974	50.8	59.8	25.9	57.9	32.5	20.3	45.9	59.7	57.6	79.6	41.5	48.5
1975	49.0	56.1	24.9	48.6	35.4	21.5	44.6	51.4	52.0	71.8	40.7	54.0
1976	42.3	46.7	19.7	49.3	23.0	19.5	42.1	42.7	40.6	56.9	36.2	47.1
1977	39.0	42.4	23.6	44.9	21.9	17.2	39.1	39.1	34.8	52.3	34.9	31.5
Cumulative Average	47.8	53.5	21.5	55.8	32.4	22.2	45.8	49.3	45.4	62.0	40.0	54.7

Source: Central Statistical Services, based on SC publication 31-203.

Manufacturing

Highlights

- **Principal Manufacturing Statistics** — The number of manufacturing establishments in Ontario has remained fairly constant since 1950. In 1977, 11,414 establishments were recorded, representing a 10.9 per cent decrease since 1950. The total number of employees, on the other hand, rose from 566,500 in 1950 to 843,328 in 1977, an increase of 48.9 per cent. The value of shipments of goods of own manufacture rose by 11.5 per cent over the corresponding 1976 total to reach \$55.6 billion.

Metal Fabricating Industries with 2,026 establishments, and Printing, Publishing and Allied Industries with 1,468 had the most establishments of any Ontario industry group in 1977, representing 17.8 per cent and 12.9 per cent respectively, of the total number of establishments. The Transportation Equipment and Metal Fabricating industry groups employed the highest number of the total workforce of 843,328; Transportation Equipment employed 13.4 per cent and Metal Fabricating, 10.1 per cent of the total.

In 1976, of the 11,880 manufacturing establishments, incorporated companies controlled 84.9 per cent, individual owners controlled 10.5 per cent, and partnerships and co-operatives controlled 4.6 per cent.

Of the leading manufacturing industries in Ontario in 1977, Motor Vehicle Manufacturers, with only 11 establishments, led in cost of materials and supplies used and value of shipments of goods of own manufacture. Cost of materials and supplies used amounted to \$6.2 billion or 19.3 per cent of the Ontario total, and value of shipments of goods of own manufacture, \$7.8 billion or 14.0 per cent of the Ontario total.

- **Selected Production Statistics** — In 1960, the total number of motor vehicles produced amounted to 397,739; by 1967 this figure had reached 919,508, an increase of 131.2 per cent; by 1979 it had reached 1.6 million, an increase of 77.4 per cent over 1967, and a decrease of 10.3 per cent from 1978. Of the 1979 total production, passenger cars accounted for 60.5 per cent and motor trucks and buses, 39.5 per cent.

Ontario continues to produce a substantially greater amount of steel ingots and steel castings for all industries than any other region of Canada. In 1977 Ontario's share of total Canadian production was 83.5 per cent, this level of production being approximately maintained since 1972. The production of steel ingots and steel castings in Ontario rose by 17.0 per cent between 1972 and 1977 to reach 12.6 million net tons in 1977.

In 1977, secondary industries accounted for 85.9 per cent and primary industries for 14.1 per cent of the total value added in goods-producing industries in Ontario. Manufacturing accounted for 70.3 per cent, followed by construction with 15.7 per cent, agriculture with 4.6 per cent, electric power with 4.6 per cent and mining with 4.1 per cent of the total value added in goods-producing industries.

In 1977, Ontario's value added in goods-producing industries represented 38.2 per cent of Canada's total. Ontario's secondary industries accounted for 45.6 per cent, and primary industries for 19.1 per cent of the national total.

Definitions

Establishment — Smallest operating unit capable of reporting certain specified input and output data; usually a plant or mill.

Cost of Materials and Supplies — Generally, consumption of purchased items only, at laid-down cost including transportation, handling charges, duties, etc. Includes transfers between units of the same company, contract work done by others. At the manufacturing activity level, this item represents purchased items used in manufacturing operations.

Cost of Fuel and Electricity — Consumption of purchased fuel and electricity only, at laid-down cost including transportation, handling charges, duties, etc. Applies to large establishments only, as small establishments are included in cost of materials and supplies. Data for non-manufacturing activity included and manufacturing activity.

Value of Shipment of Goods of Own Manufacture — Goods made by reporting establishment, or for its account, from its own materials, net of discounts, returns, allowances, sales tax, excise taxes, duties, returnable containers and common or contract carriers' charges for outward transportation (but not of own carriers' delivery expense). Includes repair and custom revenue, transfers to reporting units of same firm, all exports, book value of own products shipped the first time on a rental basis. Unsold domestic consignment shipments are included in inventory. Integrated smelters' work on own ore valued at imputed charge to mine, treated as production under shipments heading.

Employees, Salaries and Wages — Salaries and wages are reported before deductions for income tax and employee portion of employer benefits and comprise all man-hours paid (for regular work, overtime, and paid leave) as well as bonuses, commissions paid to regular employees. Production and related workers in manufacturing activity include those employees engaged in processing, assembling, storing, inspecting, handling, packing, maintenance, repair, janitorial, watchman services and working foreman. (Outside pieceworkers remuneration is included in cost of materials).

Value Added — Net output as measured by gross output less purchased commodity inputs used.

- (a) Value added, manufacturing activity: Value of shipments of goods of own manufacture adjusted for changes in value of inventory of goods in process and finished goods, less cost of materials and supplies used and fuel and electricity.
- (b) Value added, total activity: Consists of (1) value added, manufacturing activity and (2) value added, non-manufacturing activity. The latter is calculated by subtracting relevant commodity inputs from non-manufacturing revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-manufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude non-operating revenue such as real property rentals, dividends and interest.



Map 20.A Change in Manufacturing Employment¹, 1969-1974

Percent

Decrease

Increase 0 - 19.9

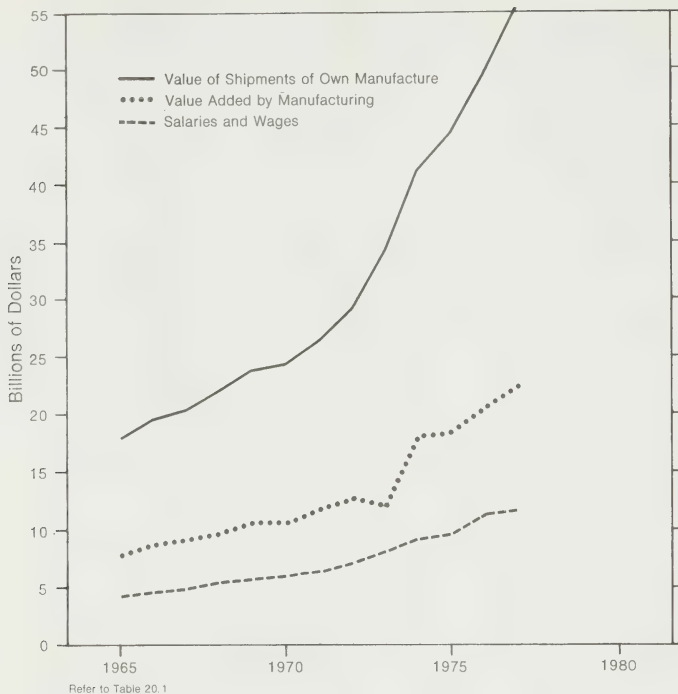
Increase 20 - 39.9

Increase > 39.9

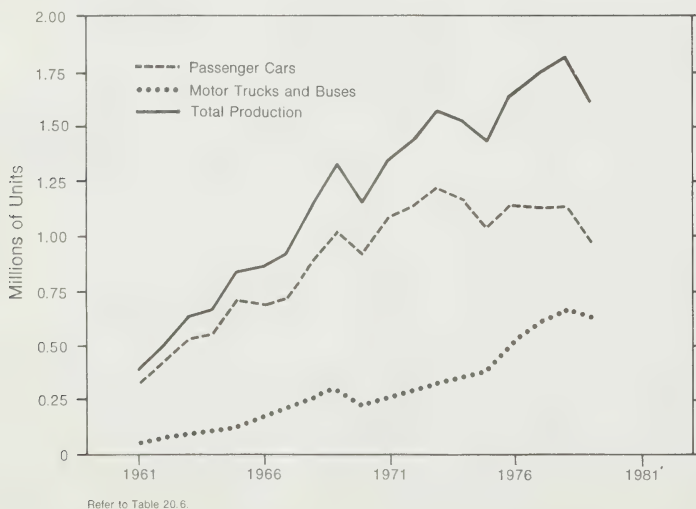
¹Number of production and related workers by county.

Graph 20.B

Principal Statistics of Manufacturing, Ontario, 1965-1977

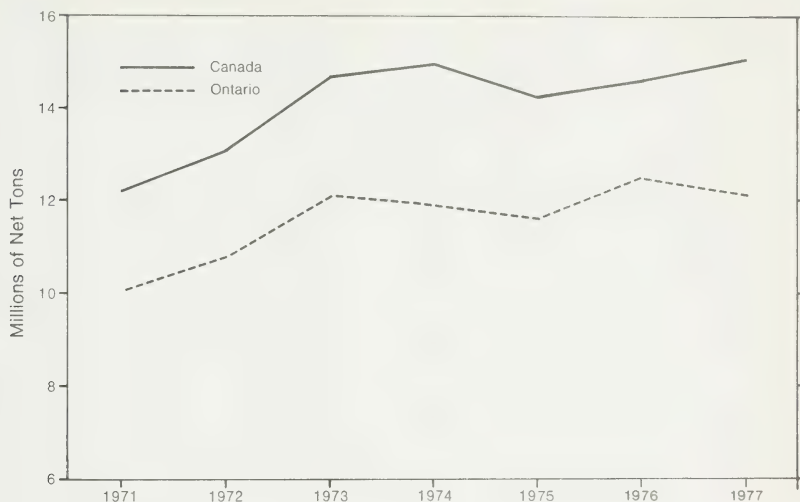
**Graph 20.C**

Motor Vehicle Production, Canada, 1961-1979



Graph 20.D

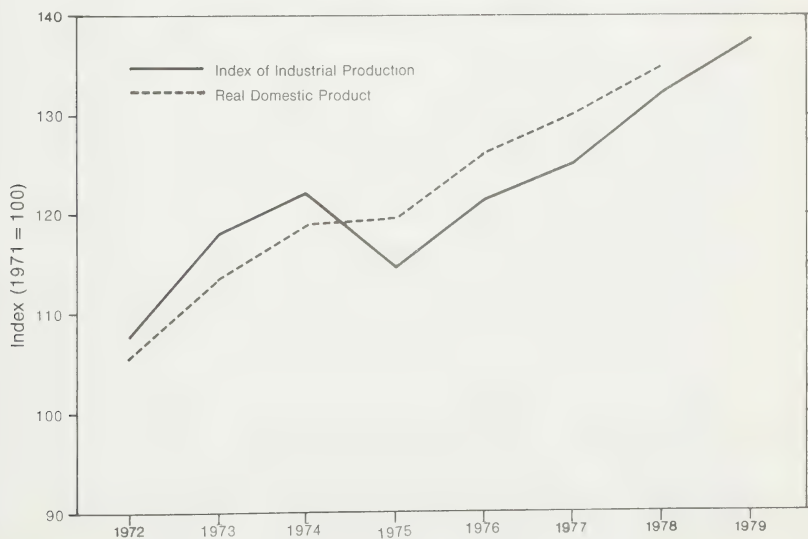
Annual Production of Steel Ingots and Steel Castings for All Industries,
Canada and Ontario, 1971-1977



Refer to Table 20.7.

Graph 20.E

Comparison of Real Domestic Product with the Index of Industrial Production,
Canada, 1972-1978



Refer to Tables 20.9 and 20.11

Table 20.1

Principal Statistics of Manufacturing, Ontario, 1951-1977

	Estab- lish- ments	Total Employees ²	Salaries and Wages ²	Value Added by Manufacture	Value of Shipments of Goods of Own Manufacture ³
		'000's		\$ Million	
1951	13,025	599.4	1,669.4	3,569.4	8,074.7
1952	13,172	609.7	1,844.2	3,811.1	8,372.2
1953	13,114	634.6	2,018.0	4,130.1	8,876.5
1954	13,178	598.9	1,954.8	3,930.7	8,533.2
1955	13,276	613.9	2,088.9	4,426.7	9,617.6
1956	13,215	641.2	2,310.6	4,868.6	10,655.1
1957	12,162	636.2	2,410.3	..	10,811.1
1958	11,858	599.0	2,391.4	4,740.8	10,579.5
1959	11,727	609.1	2,544.7	5,229.8	11,438.4
1960	12,090	594.3	2,557.4	5,215.2	11,479.3
1961	12,419	638.7	2,859.6	5,244.8	11,563.7
1962	12,585	662.5	3,078.5	5,815.1	12,919.5
1963	12,489	690.5	3,335.6	6,369.5	14,262.2
1964	12,781	728.9	3,666.8	7,067.0	15,843.2
1965	12,766	774.4	4,100.2	7,881.8	17,675.9
1966	12,986	820.4	4,571.7	8,648.2	19,452.6
1967	13,076	818.2	4,822.2	9,032.1	20,259.7
1968	12,932	810.8	5,171.2	9,714.9	21,942.6
1969	12,971	825.5	5,660.9	10,637.0	23,847.8
1970	12,736	806.6	5,942.5	10,524.7	24,009.6
1971	12,740	800.0	6,326.5	11,596.5	26,270.6
1972	12,589	821.6	6,989.6	12,819.9 ¹	29,181.1 ¹
1973	12,397	861.8	7,948.0	12,030.3 ¹	34,300.7 ¹
1974	12,662	883.7	9,074.1	18,128.8	41,404.4
1975	12,245	850.3	9,673.1	18,357.8	44,422.8
1976 ¹	11,880	853.8	10,986.1	20,410.7	49,851.3
1977	11,414	843.3	11,981.0	22,554.7	55,590.9

1) From 1957 onward data are based on Revised Standard Industrial Classification and New Establishment Concept and are not strictly comparable with earlier statistics. From 1961 onward data embody revisions or classification changes; for description of these changes see the 1962 and 1964 issue of Statistics Canada catalogue "Manufacturing Industries of Canada: Section A, Summary for Canada".

2) Beginning with the 1961 data, some statistics are compiled for "Manufacturing activity" and others for "Total activity". "Total activity" includes non-manufacturing activities of manufacturing establishments and activities of separate head offices, sales offices and auxiliary units. "Total employees" and "Salaries and wages" in the 1961 and subsequent years' data are thus not comparable with earlier statistics under the same headings.

3) Prior to 1952, the basis of collection was gross value of products

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Table 20.2
Principal Manufacturing Statistics by Industry Group, Ontario, 1976 and 1977

1976	Manufacturing Activity								
	Estab-lish-ments	Production and Related Workers				Manhours Paid	Cost of Fuel & Elec- tricity ¹	Cost of Materials and Sup- plies Used ¹	Value of Shipments of Goods of Own Manufac- ture
		Male	Female	Wages					
		Number		\$ Million	Million			\$ Million	
Food and Beverage	1,473	37,813	16,000	613.6	113.5	90.4	4,404.2	6,872.7	2,393.1
Tobacco Products	9	1,477	818	28.3	4.4	2.2	335.5	489.6	177.7
Rubber	407	18,177	8,050	273.3	54.5	28.9	738.8	1,479.7	711.9
Leather	153	4,480	6,733	88.8	23.1	3.6	193.9	367.1	177.8
Textile Mills	367	12,410	11,677	234.1	50.3 ^c	27.6	662.2	1,228.3	559.5
Knitting Mills	79	1,730	4,402	44.3	12.8	2.6	83.1	168.5	85.5
Clothing	414	4,384	16,051	148.1	41.1	2.1	269.2	555.4	298.3
Wood	683	14,335	2,202	161.8	34.4	17.6	386.9	734.3	336.4
Furniture and Fixture	711	14,234	4,902	180.8	40.8	6.9	367.5	743.0	381.0
Paper and Allied	301	29,363	5,142	434.4	73.5	145.4	1,291.5	2,459.7	1,051.0
Printing, Publishing and Allied	1,486	19,111	6,769	310.7	51.2	10.2	547.9	1,585.8	1,032.7
Primary Metal	203	54,883	1,569	808.6	116.5	213.2	2,462.9	4,508.3	1,917.2
Metal Fabricating	2,098	59,788	9,047	823.4	144.7	48.4	2,090.8	4,111.0	2,014.0
Machinery	607	34,283	2,842	460.1	77.7	21.2	1,424.3	2,572.5	1,150.7
Transportation Equipment	391	75,479	7,770	1,195.9	179.7 ^c	75.6	7,369.0	10,515.8	3,129.6
Electrical Products	497	34,476	20,330	586.5	113.1	27.6	1,579.3	3,173.3	1,600.6
Non-Metallic Mineral Products	487	18,650	1,960	267.7	43.7	106.2	525.5	1,354.9	736.6
Petroleum and Coal Products	30	2,174	1	42.5	4.9	21.7	1,685.7	2,078.1	375.5
Chemical and Chemical Products	524	19,149	5,057	305.2	50.9	202.9	1,705.2	3,397.5	1,516.3
Miscellaneous Manufacturing	960	16,628	13,133	262.0	59.9	12.3	695.1	1,455.3	765.0
Total	11,880	473,024	144,455	7,270.2	1,290.7 ^c	1,066.6	28,818.5	49,851.3	20,410.7

Table 20.2 (cont'd)
Principal Manufacturing Statistics by Industry Group, Ontario, 1976 and 1977

	Total Activity									
	Employees									
	Administrative, Office and Other Non-manufacturing Employees					Total Employees				
	Male	Female	Number	Salaries \$ Million		Number	Salaries and Wages	Cost of Materials, Supplies and Goods for Resale	Value of Shipments and Other Revenue	Value Added
1976									\$ Million	
Food and Beverage	21,273	8,038		426.5		83,124	1,040.1	5,149.4	7,782.2	2,557.5
Tobacco Products	740	236		16.0		3,271	44.3	341.6	486.9	180.9
Rubber	6,329	2,485		126.1		35,041	399.4	957.3	1,748.8	762.5
Leather	1,190	693		25.1		13,096	113.9	225.0	405.9	185.5
Textile Mills	3,893	1,917		83.3		29,897	317.5	740.0	1,317.9	571.2
Knitting Mills	470	385		12.9		6,987	57.2	90.2	176.5	86.5
Clothing	1,482	1,280		41.2		23,197	189.3	319.9	629.6	321.9
Wood	2,546	789		50.5		19,872	212.3	416.9	771.3	343.4
Furniture and Fixture	2,505	1,532		57.1		23,173	237.8	402.0	785.9	389.3
Paper and Allied	8,114	3,026		178.1		45,645	612.5	1,405.3	2,604.9	1,082.4
Printing, Publishing and Allied	12,047	9,153		283.6		47,080	594.2	610.9	1,674.8	1,058.8
Primary Metal	11,920	2,695		280.4		71,067	1,089.0	2,525.9	4,597.0	1,942.5
Metal Fabricating	14,011	5,244		304.0		88,090	1,127.4	2,352.6	4,448.0	2,089.2
Machinery	12,820	4,493		254.1		54,438	714.2	1,817.3	3,169.2	1,354.3
Transportation Equipment	19,907	4,734		440.2		107,890	1,636.0	11,918.7	15,670.9	3,735.0
Electrical Products	19,153	6,743		392.4		80,702	978.9	2,342.7	4,157.2	1,821.1
Non-Metallic Mineral Products	5,173	1,694		110.5		27,477	378.3	654.5	1,511.0	763.7
Petroleum and Coal Products	4,778	2,395		147.2		9,348	189.8	1,737.5	2,124.2	369.8
Chemical and Chemical Products	13,767	5,305		313.1		43,278	618.3	2,115.5	3,928.2	1,636.7
Miscellaneous Manufacturing	7,197	4,181		173.7		41,139	435.7	904.0	1,790.8	891.6
Total	169,315 ^a	67,018 ^a		3,715.9 ^a		853,812 ^a	10,986.1 ^a	37,027.2	59,793.1	22,143.9

Table 20.2 (cont'd)
Principal Manufacturing Statistics by Industry Group, Ontario, 1976 and 1977

1977	Estab-lish-ments	Production and related workers					Manufacturing Activity			
		Number	Male	Female	Wages \$ Million	Manhours Paid	Cost of Fuel & Elec- tricity ¹	Cost of Materials and Sup- plies Used ¹	Value of Shipments of Goods of Own Manufac- ture	Value Added
Food and Beverage	1,368	38,355	15,816	671.8	112.3	107.2	4,780.3	7,473.5	2,627.3	
Tobacco Products	9	1,407	771	29.8	4.0	2.6	308.7	521.4	205.3	
Rubber	400	18,460	8,033	297.4	54.8	35.0	836.4	1,646.4	812.6	
Leather	150	3,991	5,971	85.9	20.9	4.2	194.8	366.7	175.2	
Textile Mills	345	12,157	11,805	257.6	49.4	33.6	729.4	1,390.5	633.0	
Knitting Mills	74	1,569	4,235	46.2	11.9	2.6	90.8	182.6	89.4	
Clothing	383	4,189	15,842	158.1	40.1	2.5	292.8	614.3	321.7	
Wood	645	14,682	2,055	185.8	35.1	22.7	447.3	870.0	404.7	
Furniture and Fixture	682	13,378	4,383	176.5	37.5	7.9	353.3	742.8	382.2	
Paper and Allied	287	28,511	4,722	492.1	68.9	197.2	1,440.0	2,826.6	1,193.0	
Printing, Publishing and Allied	1,468	18,602	6,831	335.5	50.5	12.3	601.9	1,747.9	1,146.9	
Primary Metal	203	55,836	1,691	893.3	117.7	265.5	2,589.8	4,937.2	2,166.8	
Metal Fabricating	2,026	56,909	8,887	853.4	138.8	56.4	2,281.0	4,438.6	2,108.0	
Machinery	606	34,024	2,532	493.3	75.6	25.8	1,558.3	2,827.0	1,266.8	
Transportation										
Equipment	373	80,577	8,071	1,423.9	194.0	94.8	8,762.6	12,429.6	3,735.6	
Electrical Products	476	29,862	18,578	565.4	99.5	31.4	1,546.8	3,245.2	1,678.4	
Non-Metallic Mineral Products	450	17,362	1,734	269.9	40.4	119.9	533.7	1,377.6	735.3	
Petroleum and Coal Products	36	2,374	5	48.0	4.9	33.8	2,165.0	2,604.6	455.1	
Chemical and Chemical Products	520	20,188	5,167	357.3	52.9	241.0	2,014.9	3,832.2	1,623.8	
Miscellaneous										
Manufacturing	913	14,741	11,493	257.8	53.1	14.3	728.5	1,516.1	793.6	
Total	11,414	467,174	138,622	7,899.0	1,262.2	1,310.7	32,256.2	55,590.9	22,554.7	

Table 20.2 (cont'd)
Principal Manufacturing Statistics by Industry Group, Ontario, 1976 and 1977

1977 ¹	Total Activity									
	Employees					Total Employees				
	Administrative, Office and Other Non-manufacturing Employees					Salaries and Wages				
	Male	Female	Number	Salaries \$ Million	Number	Salaries \$ Million	Cost of Materials, Supplies and Goods for Resale	Value of Shipments and Other Revenue	Value Added	
Food and Beverage	21,447	8,573	29,920	469.4	84,191	1,141.2	5,504.6	8,360.7	2,790.1	
Tobacco Products	697	228	925	16.7	3,103	46.5	313.0	528.9	208.5	
Rubber	6,533	2,497	9,030	141.6	35,523	439.0	1,093.2	1,972.2	881.5	
Leather	1,199	745	1,944	27.9	11,906	113.7	231.7	412.4	184.0	
Textile Mills	3,645	1,859	5,504	86.6	29,466	344.2	816.1	1,491.4	647.3	
Knitting Mills	467	415	882	14.1	6,686	60.2	97.9	191.1	90.8	
Clothing	1,418	1,261	2,679	43.3	22,710	201.4	343.4	689.2	346.0	
Wood	2,557	816	3,373	56.8	20,110	242.6	479.8	908.4	410.5	
Furniture and Fixture	2,255	1,386	3,641	56.6	21,402	233.1	384.9	778.4	386.3	
Paper and Allied	7,461	2,794	10,255	189.0	43,488	681.1	1,515.8	2,916.8	1,207.4	
Printing, Publishing and Allied	12,116	9,756	21,872	313.7	47,305	649.2	674.0	1,847.0	1,173.8	
Primary Metal	11,662	2,747	14,409	300.3	71,936	1,193.6	2,661.3	5,017.4	2,175.5	
Metal Fabricating	14,177	5,389	19,566	336.5	85,362	1,189.8	2,557.7	4,780.1	2,172.8	
Machinery	13,037	4,492	17,529	281.4	54,085	774.8	1,986.9	3,469.1	1,480.4	
Transportation Equipment	19,494	4,950	24,444	484.8	113,092	1,908.7	14,964.2	19,200.4	4,304.8	
Electrical Products	18,952	6,587	25,539	422.6	73,979	988.0	2,185.6	4,070.1	1,864.5	
Non-Metallic Mineral Products	4,837	1,598	6,435	112.2	25,531	382.0	672.7	1,537.3	756.1	
Petroleum and Coal Products	4,939	2,427	7,366	169.8	9,745	217.8	2,337.2	2,776.1	454.3	
Chemical and Chemical Products	14,828	5,535	20,363	367.3	45,718	724.6	2,494.8	4,498.9	1,810.6	
Miscellaneous Manufacturing	7,523	4,233	11,756	191.5	37,990	449.3	974.5	1,894.6	926.2	
Total	169,244	68,288	237,532	4,082.0	843,328	11,981.0	42,289.2	67,340.7	24,271.4	

¹ For small establishments, the cost of fuel and electricity is included in the cost of materials and supplies.

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Table 20.3
Principal Manufacturing Statistics, by County, Ontario, 1975 and 1976

Manufacturing Activity									
1975	Estab- lish- ments	Production and Related Workers			Man- hours Paid	Cost of Fuel and Electri- city	Cost of Materials and Supplies Used	Value of Shipments of Own Manu- facture	Value Added
		Male	Female	Wages					
		Number		\$ Million	Million		\$ Million		
Ontario	12,245	470,463	142,242	6,316.6	1,264.0	791.5	25,560.1	44,422.8	18,357.8
Algoma ²	114	10,401	616	139.8	21.2	34.4	335.8	645.9	291.2
Brant	219	10,179	2,656	135.4	26.6	8.9	428.8	761.5	338.7
Bruce	66	1,566	403	19.7	4.2	29.3	68.9	137.4	38.7
Cochrane	59	4,679	136	45.9	8.2	15.3	100.2	209.9	102.1
Dufferin	39	584	347	8.2	1.9	0.4	37.8	59.8	20.9
Dundas	26	892	255	9.3	2.5	1.6	80.3	134.8	52.9
Elgin	92	5,320	1,110	63.0	12.6	3.9	696.7	839.7	163.1
Essex	433	24,932	3,062	351.8	62.6	27.8	1,868.3	2,993.8	1,084.4
Frontenac	72	3,859	649	50.2	9.5	6.9	210.6	358.0	148.9
Glengarry	23	585	201	5.9	1.6	0.7	38.4	55.1	17.2
Grenville	30	1,541	550	21.8	4.5	12.7	148.9	267.9	100.3
Grey	126	3,362	1,483	39.5	10.0	3.4	118.8	218.4	95.5
Haliburton	12	183	27	1.6	0.4	0.3	1.5	5.0	3.5
Hastings	151	4,810	2,401	61.0	14.8	6.5	200.2	415.5	211.6
Huron	87	2,336	406	24.2	5.6	1.5	102.8	169.1	67.0
Kenora ¹	51	2,834	139	33.3	5.8	15.5	89.4	218.0	113.9
Kent	165	7,949	1,904	100.5	20.7	9.1	440.3	700.2	256.7
Lambton	116	7,461	586	109.5	17.0	69.5	1,216.2	1,750.8	498.6
Lanark	72	1,645	1,129	20.8	5.7	1.5	56.4	116.3	60.3
Leeds	59	2,780	1,222	37.2	8.0	2.6	181.8	319.1	131.7
Lennox - Addington	19	1,294	520	17.9	3.7	6.5	41.2	87.7	40.1
Manitowlin	8	11	3	0.1	-	-	0.6	0.9	0.2
Middlesex	365	12,057	5,195	172.1	35.7	10.6	580.2	1,123.9	531.8
Muskoka D.M.	48	940	147	10.1	2.3	1.9	60.8	96.1	31.4
Nipissing	74	2,288	263	21.4	4.9	3.4	61.2	119.2	54.2
Northumberland	92	3,229	1,024	42.5	8.8	3.9	147.9	319.9	170.6
Oxford	168	5,531	1,988	68.0	15.5	12.5	317.7	526.2	206.0
Parry Sound	39	664	104	6.3	1.6	0.9	20.7	39.1	17.7
Perth	122	4,414	2,660	58.5	14.5	7.8	207.9	377.7	161.2
Peterborough	101	5,576	1,094	70.9	13.9	3.9	171.5	368.5	193.9
Prescott	45	1,524	579	17.4	4.1	3.7	62.9	112.6	45.5
Prince Edward	29	510	213	5.6	1.5	5.1	16.4	43.5	20.8
R.M. of Durham	289	17,541	3,713	258.7	43.2	24.7	1,662.9	2,405.1	700.3
R.M. of Haldimand - Norfolk	108	3,766	1,331	44.5	10.5	5.0	264.7	384.6	125.5
R.M. of Halton	322	13,966	3,174	190.3	35.2	18.1	1,817.6	2,355.7	543.1
R.M. of Hamilton - Wentworth	519	41,624	5,695	556.4	97.9	83.4	2,022.1	3,490.8	1,470.5
R.M. of Niagara	478	28,491	3,389	376.7	66.5	57.7	1,080.9	2,126.0	994.8
R.M. of Ottawa - Carleton	282	5,854	2,238	78.6	16.6	5.6	219.2	463.2	243.9
R.M. of Peel	687	25,364	7,912	348.4	69.3	35.8	1,427.5	2,600.3	1,160.7
R.M. of Sudbury	65	5,269	139	58.7	10.8	37.4	55.4	266.1	173.5
R.M. of Waterloo	596	28,529	11,322	377.9	81.5	25.0	1,151.4	2,100.7	944.0
R.M. of York	425	9,422	3,425	124.1	26.9	7.4	380.1	739.3	358.9
Renfrew	117	3,343	1,263	38.2	9.5	3.8	98.0	185.1	89.1
Russell	10	41	4	0.4	0.1	-	4.4	5.3	0.9
Simcoe	236	8,341	3,596	103.6	24.2	9.3	306.6	605.5	294.7
Stormont	69	3,597	833	41.4	9.2	13.9	141.8	261.8	106.1
Sudbury D.	24	1,320	27	13.4	2.4	4.7	39.8	81.1	39.9
Thunder Bay	114	7,282	457	82.6	13.8	31.7	235.5	503.8	238.3
Victoria	63	1,390	671	17.5	4.3	1.4	47.9	91.4	43.5
Wellington	231	7,482	3,228	97.2	22.0	9.4	386.8	734.2	348.7
York (Metropolitan Toronto)	4,488	121,905	56,793	1,738.4	370.3	105.2	6,106.3	11,431.4	5,210.6

Table 20.3 (cont'd)

Principal Manufacturing Statistics, by County, Ontario, 1975 and 1976

Total Activity									
1975	Estab- lish- ments	Employees - Administrative Office and Other Non- Manufacturing Employees			Total Employees		Cost of Materials; Supplies and Goods for Resale	Value of Shipments and other Revenue	Value Added
		Male	Female	Salaries Paid	Number	Salaries and Wages			
		Number		\$ Million		\$ Million		\$ Million	
Ontario	12,245	140,607	54,123	2,710.8	807,475	9,027.4	29,801.6	49,813.2	19,525.6
Algoma	114	2,484	276	48.8	13,777	188.6	343.7	673.8	311.5
Brant	219	2,790	1,091	50.0	16,716	185.4	567.5	925.4	369.3
Bruce	66	344	105	6.4	2,418	26.1	77.9	153.0	45.3
Cochrane	59	816	150	13.2	5,781	59.1	107.2	220.5	105.8
Dufferin	39	156	59	2.8	1,146	11.0	40.8	64.5	22.4
Dundas	26	193	73	3.2	1,413	12.5	96.6	161.8	62.3
Elgin	92	1,061	264	19.9	7,755	82.9	726.4	881.8	175.1
Essex	433	4,734	1,216	101.5	33,944	453.3	1,900.3	3039.2	1,095.7
Frontenac	72	1,239	337	22.0	6,084	72.2	233.4	386.0	151.7
Glengarry	23	84	19	1.4	889	7.4	38.9	58.3	20.0
Grenville	30	674	167	12.2	2,932	34.0	178.9	314.5	112.7
Grey	126	828	369	14.1	6,042	53.6	132.6	234.3	96.4
Haliburton	12	33	7	0.4	250	2.0	1.6	5.0	3.5
Hastings	151	1,627	671	27.2	9,509	88.1	226.0	450.0	219.7
Huron	87	476	210	8.0	3,428	32.2	111.8	181.9	70.7
Kenora ¹	51	402	139	8.3	3,514	41.6	104.3	234.5	115.4
Kent	165	1,661	539	30.4	12,053	130.9	472.4	738.9	261.9
Lambton	116	3,273	505	68.3	11,825	177.8	1,321.0	1,869.0	509.9
Lanark	72	449	267	8.4	3,490	29.1	63.8	127.7	63.7
Leeds	59	1,327	524	22.2	5,853	59.4	253.0	406.1	146.8
Lennox - Addington	19	324	96	5.4	2,234	23.3	58.1	107.5	42.1
Manitowlin	8	3	4	0.1	21	0.2	0.6	0.9	0.2
Middlesex	365	4,648	1,715	83.2	23,615	255.2	784.3	1,392.1	599.1
Muskoka D.M.	48	162	48	3.1	1,297	13.2	64.0	99.3	31.6
Nipissing	74	478	173	8.4	3,202	29.8	72.1	134.6	58.5
Northumberland	92	872	321	16.1	5,446	58.6	158.1	330.0	171.4
Oxford	168	1,657	684	30.0	9,860	98.0	349.0	563.8	211.1
Parry Sound	39	106	43	2.0	917	8.2	21.7	40.2	17.8
Perth	122	1,372	569	22.8	9,015	81.4	232.8	408.6	167.1
Peterborough	101	2,332	683	41.9	9,685	112.9	214.6	428.9	211.9
Prescott	45	279	99	4.7	2,481	22.1	68.7	118.9	46.1
Prince Edward	29	80	23	1.4	826	7.0	20.1	49.4	22.9
R.M. of Durham	289	5,314	1,809	107.7	28,377	366.4	2,954.2	3,900.2	913.1
R.M. of Haldimand-									
Norfolk	108	673	264	11.9	6,034	56.4	277.8	401.0	128.3
R.M. of Halton	322	3,696	1,422	75.6	22,258	266.0	1,876.9	2,467.5	595.1
R.M. of Hamilton-									
Wentworth	519	9,481	2,764	186.7	59,564	743.1	2,159.5	3,665.7	1,508.1
R.M. of Niagara	478	6,382	2,085	123.8	40,347	500.5	1,161.6	2,224.2	1,014.4
R.M. of Ottawa-									
Carleton	282	3,600	1,332	64.2	13,024	142.8	276.2	536.7	261.9
R.M. of Peel	687	9,246	3,468	183.4	45,990	531.8	1,749.2	3,007.0	1,252.4
R.M. of Sudbury	65	2,727	476	50.1	8,611	108.8	62.3	278.9	179.5
R.M. of Waterloo	596	7,702	2,966	133.5	50,519	511.4	1,287.3	2,271.2	980.3
R.M. of York	425	2,556	1,227	52.9	16,630	177.0	428.5	805.1	376.7
Renfrew	117	638	248	10.7	5,492	48.9	107.3	195.2	89.7
Russell	10	2	3	-	50	0.4	4.4	5.3	0.9
Simcoe	236	2,190	901	37.2	15,028	140.8	350.5	657.5	304.1
Stormont	69	868	319	15.8	5,617	57.2	173.5	300.6	112.9
Sudbury D.	24	207	54	4.0	1,608	17.3	40.5	87.9	45.9
Thunder Bay	114	1,638	398	25.6	9,775	108.2	258.8	531.8	243.3
Victoria	63	282	108	4.8	2,451	22.3	51.5	95.6	43.9
Wellington	231	2,044	786	37.2	13,540	134.4	443.1	803.8	363.3
York (Metropolitan Toronto)	4,488	44,397	22,047	898.3	245,142	2,636.7	7,096.4	12,777.6	5,571.7

Table 20.3(cont'd)**Principal Manufacturing Statistics, by County, Ontario, 1975 and 1976**

Manufacturing Activity									
1976	Production and Related				Man- hours Paid	Cost of Fuel and Electri- city	Cost of Materials and Supplies Used	Value of Shipments of Own Manu- facture	Value Added
	Workers								
	Estab- lish- ments	Male	Female	Wages					
		Number		\$ Million	Million		\$ Million		
Ontario	11,880	473,024	144,455	7,270.2	1290.7	1066.6	28,818.5	49,851.3	20,410.7
Algoma	71	9,510	521	146.7	19.2	41.7	379.4	671.3	271.5
Brant	205	10,325	2,764	154.9	27.1	11.1	482.6	827.7	354.5
Bruce	63	1,560	408	22.5	4.2	41.5	71.6	179.1	63.3
Cochrane	56	4,614	144	63.2	9.3	25.5	130.0	293.2	137.0
Dufferin	34	538	293	8.2	1.7	0.6	37.5	59.6	22.3
Dundas	21	814	272	9.8	2.3	1.5	62.3	122.5	58.7
Elgin	88	5,421	1,152	68.7	12.7	5.1	849.7	1,033.0	195.9
Essex	414	27,460	3,311	444.8	67.6	37.2	2,437.0	3,770.5	1,337.7
Frontenac	75	3,096	600	45.5	7.9	6.9	146.8	289.2	131.0
Glengarry	24	614	226	7.5	1.7	1.0	38.3	60.9	21.9
Grenville	31	1,696	496	25.3	4.5	14.2	155.1	267.6	106.8
Grey	115	3,248	1,597	44.9	10.0	4.5	123.9	235.4	117.5
Haliburton	10	169	29	1.8	0.4	0.4	1.7	5.1	3.4
Hastings	147	5,004	2,559	72.9	15.7	8.4	271.3	512.1	239.5
Huron	84	2,484	470	29.6	6.0	1.9	102.7	182.6	77.9
Kenora ¹	47	3,030	156	40.8	6.0	21.0	101.2	206.5	87.2
Kent	159	7,470	1,917	108.9	19.8	11.6	440.4	737.3	288.9
Lambton	115	7,123	569	122.1	16.3	107.3	1,416.6	2,161.9	651.1
Lanark	66	1,612	1,087	23.8	5.4	1.9	63.8	131.7	67.3
Leeds	58	2,715	1,338	42.4	8.4	3.1	200.7	344.8	146.4
Lennox-									
Addington	16	1,234	444	19.4	3.6	9.1	56.5	96.7	35.4
Manitoulin	9	15	1	0.1	-	-	0.7	1.0	0.3
Middlesex	363	11,688	5,707	197.3	35.9	13.0	578.7	1,154.1	578.8
D. M. of Muskoka	47	992	144	12.2	2.4	2.5	77.8	110.3	30.4
Nipissing	68	1,996	305	24.8	4.9	5.9	70.9	147.0	74.4
Northumberland	83	3,008	1,055	46.1	8.6	5.1	149.4	338.0	181.8
Oxford	163	5,772	2,031	80.0	16.2	18.8	378.5	603.4	227.5
Parry Sound	39	613	117	7.1	1.5	1.2	22.6	41.1	17.4
Perth	113	4,427	2,639	67.1	14.6	9.8	233.6	414.7	177.6
Peterborough	97	5,699	1,049	85.1	14.2	5.0	181.7	391.4	202.6
Prescott	39	1,493	620	22.4	4.4	5.8	72.4	151.8	74.7
Prince Edward	28	536	180	6.4	1.5	8.1	23.9	54.7	24.0
R.M. of Durham	280	18,465	3,716	318.3	49.3	29.0	2,096.4	2,973.1	879.5
R.M. of Haldimand-									
Norfolk	105	3,466	1,374	48.7	10.1	5.6	242.4	365.3	118.9
R.M. of Halton	319	14,945	3,241	227.9	37.8	20.9	2,032.9	2,568.8	512.2
R.M. of Hamilton-									
Wentworth	506	41,042	5,953	834.8	98.4	110.5	2,152.4	3,893.6	1,651.0
R.M. of Niagara	453	28,631	3,619	452.6	67.7	80.0	1,249.5	2,423.2	1,137.0
R.M. of Ottawa-									
Carleton	276	6,278	2,157	92.2	17.5	6.7	234.5	501.1	265.8
R.M. of Peel	707	24,677	8,046	376.7	67.9	43.6	1,619.9	2,948.2	1,284.7
R.M. of Sudbury	61	6,310	195	81.7	12.9	49.1	61.5	306.6	196.2
R.M. of Waterloo	578	27,888	12,070	429.0	83.1	30.8	1,270.8	2,357.1	1,066.2
R.M. of York	441	10,089	3,652	149.2	28.8	10.0	456.7	859.8	399.5
Renfrew	111	3,320	1,269	42.4	9.5	5.3	96.2	195.3	94.0
Russell	10	52	5	0.6	0.1	-	5.8	6.9	1.1
Simcoe	232	8,357	3,925	120.9	25.4	12.3	335.7	650.5	314.4
Stormont	65	3,717	706	50.6	9.1	19.1	171.4	296.8	112.3
Sudbury	21	1,384	29	20.0	2.8	7.2	50.9	105.5	46.9
Thunder Bay	110	7,532	541	104.8	20.7	49.9	273.0	588.0	269.9
Timiskaming	42	796	93	9.2	1.9	0.9	23.4	42.8	18.1
Victoria	56	1,444	702	20.3	4.4	1.8	59.6	111.0	50.1
Wellington	225	7,946	3,162	114.8	22.8	12.8	425.9	783.5	352.2
York (Metropolitan Toronto)	4,334	120,709	55,799	1,923.0	366.4	140.7	6,600.4	12,278.2	5,635.5

Table 20.3 (cont'd)**Principal Manufacturing Statistics, by County, Ontario, 1975 and 1976**

1976	Total Activity								
	Estab- lish- ments	Employees-Administrative Office and Other Non- Manufacturing Employees			Total Employees		Cost of Materials; Supplies and Goods for Resale	Value of Shipments and other Revenue	Value Added
		Male	Female	Salaries Paid	Number	Salaries and Wages			
		Number		\$Million		\$Million		\$Million	
Ontario	11,880	169,315	67,018	3,715.9	853,812	10,986.1	37,027.2	59,793.1	22,143.9
Algoma	71	2,347	256	53.3	12,634	200.0	385.2	700.0	294.4
Brant	205	3,041	1,198	62.2	17,328	217.2	614.1	995.8	391.0
Bruce	63	367	111	7.3	2,446	29.8	84.0	196.3	68.1
Cochrane	56	941	153	19.2	5,852	82.5	136.4	304.7	142.0
Dufferin	34	154	59	3.0	1,044	11.2	40.5	64.5	24.3
Dundas	21	194	76	3.5	1,356	13.3	85.8	155.5	68.3
Elgin	88	1,104	313	23.0	7,990	91.6	878.7	1,069.4	203.2
Essex	414	6,245	1,666	147.7	38,682	592.5	4,119.8	5,515.8	1,400.3
Frontenac	75	1,246	285	23.8	5,227	69.2	173.6	319.8	134.9
Glengarry	24	122	26	1.8	988	9.3	39.9	65.7	25.2
Grenville	31	704	169	13.6	3,065	38.9	175.5	291.7	110.4
Grey	115	838	350	15.3	6,033	60.2	138.9	254.0	121.0
Haliburton	10	39	6	0.5	243	2.2	1.7	5.1	3.4
Hastings	147	1,852	757	34.8	10,172	107.7	318.0	570.2	250.9
Huron	84	438	190	8.8	3,582	38.4	115.0	199.3	82.3
Kenora ¹	47	385	136	8.8	3,707	49.6	116.1	225.4	91.2
Kent	159	1,700	566	35.4	11,653	144.2	476.1	779.0	295.0
Lambton	115	3,895	654	92.1	12,241	214.2	1,532.9	2,296.2	669.0
Lanark	66	493	295	10.7	3,487	34.5	80.1	153.2	72.4
Leeds	58	1,377	555	26.6	5,985	69.0	282.9	446.2	165.5
Lennox-Addington	16	295	79	5.9	2,052	25.3	72.2	113.4	36.3
Manitoulin	9	5	3	0.1	24	0.2	0.7	1.0	0.3
Middlesex	363	5,077	1,937	105.5	24,409	302.8	827.7	1,473.9	649.6
Muskoka	47	162	57	3.3	1,355	15.4	81.3	114.6	31.2
Nipissing	68	563	178	10.1	3,042	34.9	90.6	171.6	79.4
Northumberland	83	915	332	18.2	5,310	64.3	160.9	350.7	183.1
Oxford	163	1,748	745	35.3	10,296	115.3	414.6	641.2	229.2
Parry Sound	39	98	32	1.9	860	9.0	24.4	42.9	17.5
Perth	113	1,397	721	26.2	9,184	93.3	268.1	457.4	185.8
Peterborough	97	2,805	801	57.4	10,354	142.5	228.4	462.1	226.6
Prescott	39	230	91	4.7	2,434	27.1	79.0	160.0	76.3
Prince Edward	28	85	23	1.5	824	7.9	26.8	57.9	24.4
R.M. of Durham	280	5,417	1,615	124.4	29,213	442.7	3,456.7	4,561.0	1,107.0
R.M. of Haldimand- Norfolk	105	685	259	13.1	5,784	61.8	258.5	385.2	122.8
R.M. of Halton	319	4,606	1,836	108.9	24,628	336.8	3,405.2	4,254.0	825.2
R.M. of Hamilton- Wentworth	506	11,072	4,008	254.9	62,075	889.7	2,421.5	4,231.9	1,720.3
R.M. of Niagara	453	6,429	2,044	141.1	40,723	593.8	1,339.4	2,530.7	1,154.5
R.M. of Ottawa- Carleton	276	4,572	1,520	90.6	14,527	182.8	306.9	597.9	290.2
R.M. of Peel	707	11,783	3,976	247.1	48,482	623.8	2,051.5	3,528.5	1,433.4
R.M. of Sudbury	61	2,709	524	55.3	9,738	137.0	67.7	315.5	199.0
R.M. of Waterloo	578	8,317	3,281	163.0	51,556	592.0	1,481.5	2,615.3	1,113.8
R.M. of York	441	2,832	1,325	64.1	17,898	213.3	515.9	936.7	417.2
Renfrew	111	708	282	13.3	5,579	55.7	103.4	202.6	94.1
Russell	10	3	3	0.1	63	0.6	5.8	6.9	1.1
Simcoe	232	2,389	915	45.0	15,586	165.9	380.5	705.8	324.9
Stormont	65	824	313	16.3	5,560	66.9	199.8	333.1	120.2
Sudbury	21	237	58	4.7	1,708	24.7	57.0	112.9	48.2
Thunder Bay	110	1,685	403	32.4	10,161	137.2	289.5	607.3	272.7
Timiskaming	42	203	59	3.1	1,151	12.3	24.4	43.9	18.3
Victoria	56	322	118	5.4	2,586	25.7	63.7	115.4	50.4
Wellington	225	2,240	914	45.4	14,262	160.2	486.8	859.2	367.0
York (Metropolitan) Toronto	4,334	61,420	30,745	1,426.5	268,673	3,349.5	8,041.7	14,195.1	6,111.2

1) Includes Rainy River.

2) Includes Timiskaming.

Table 20.4
Principal Manufacturing Statistics by Type of Ownership, Ontario, 1976

1976	Individual Owners	Partnerships	Incorporated Companies	Co-operatives	Total
Manufacturing Activity					
Establishments	1,250	508	10,080	42	11,880
Production and Related Workers					
Male	2,048	2,158	468,244	574	473,024
Female	825	1,287	142,127	216	144,455
Wages (\$ million)	24.4	30.5	7,206.4	8.8	7,270.2
Manhours paid (million)	5.9	7.1	1,276.0	1.7	1,290.7
Cost of Fuel and Electricity (\$ million)	0.1	1.1	1,063.6	1.8	1,066.6
Cost of Materials and Supplies Used (\$ million)	64.8	88.6	28,545.8	119.3	28,818.5
Value of Shipments of Own Manufacture (\$ million)	112.2	161.9	49,431.2	146.1	49,851.3
Value Added (\$ million)	47.4	72.1	20,266.7	24.5	20,410.7
Total Activity					
Working Owners and Partners	1,251	1,006	-	-	2,257
Administrative Office and Other Non-Manufacturing Employees					
Male Administration	58	274	168,711	272	169,315
Female Administration	50	171	66,661	136	67,018
Salaries (\$ million)	0.9	6.4	3,703.5	5.0	3,715.9
Total Employees (Number)	2,981	3,890	845,743	1,198	853,812
Salaries and Wages (\$ million)	25.3	36.9	10,910.0	13.9	10,986.1
Cost of Materials, Supplies and Goods for Resale (\$ million)	64.9	93.0	36,692.1	177.2	37,027.2
Value of Shipments and Other Revenue (\$ million)	112.3	167.3	59,305.1	208.4	59,793.1
Value Added (\$ million)	47.4	73.2	21,994.4	28.9	22,143.9

Source: SC, *Manufacturing Industries of Canada: Type of organization and size of establishments*, (31-210)

Table 20.5Selected Principal Statistics of the Leading Industries¹, Canada and Ontario, 1977

Canada Industry	Estab- lish- ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added	
		Number	Wages				
\$'000's							
Rank							
1	Motor vehicle manufacturers	22	38,636	657,498	6,904,745	8,610,375	1,755,660
2	Petroleum refining	39	6,813	134,898	7,234,933	8,327,308	1,195,925
3	Pulp and paper mills	145	64,930	1,130,432	2,910,868	6,636,532	3,056,481
4	Slaughtering and meat processors	430	25,146	344,640	3,400,472	4,258,368	835,446
5	Iron and steel mills	48	41,295	677,594	1,992,722	3,843,555	1,683,275
6	Motor vehicle parts and accessories	236	41,210	657,585	2,071,626	3,790,188	1,713,782
7	Sawmills and planing mills	1,132	51,532	774,805	1,925,124	3,672,729	1,718,628
8	Dairy products Industry	466	14,194	178,563	2,328,992	3,082,715	726,752
9	Misc. machinery and equipment mfrs.	879	39,165	509,778	1,321,403	2,696,211	1,365,681
10	Smelting and refining	30	25,217	375,106	735,810	2,053,062	1,138,236
11	Miscellaneous food processors n.e.s.	243	12,296	146,201	1,216,571	1,997,264	753,656
12	Metal stamping and pressing ind.	541	20,308	257,389	1,007,806	1,763,457	746,401
13	Commercial printing	1,908	31,446	397,338	668,616	1,585,183	915,656
14	Communications equipment manufacturers	250	21,929	262,859	495,021	1,441,330	937,761
15	Industrial chemicals (organic) n.e.s.	38	6,159	110,311	834,177	1,391,123	451,186
16	Feed industry	553	5,339	62,866	1,089,168	1,366,745	263,960
17	Rubber products industry	109	19,469	242,918	650,411	1,306,435	678,271
18	Plastic fabricating industry n.e.s.	646	22,274	220,632	648,868	1,225,925	564,396
19	Publishing and printing	557	16,200	225,551	324,825	1,213,521	880,651
20	Mfrs. electrical industrial equipment	198	17,630	212,338	463,881	1,081,136	627,739

Table 20.5 (cont'd)Selected Principal Statistics of the Leading Industries¹, Canada and Ontario, 1977

Canada Industry	Estab-lish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added	
		Number	Wages				
\$'000's							
Rank							
21	Men's clothing factories	454	30,638	251,637	541,635	1,041,103	497,847
22	Misc. metal fabricating inds.	509	17,871	208,441	503,490	1,033,119	520,454
23	Industrial chem. (inorganic) n.e.s.	87	6,456	117,338	423,400	1,021,514	422,875
24	Fish products industry	310	18,801	186,902	595,036	965,824	364,655
25	Women's clothing factories	529	25,946	207,713	517,239	958,397	441,998
26	Fruit and veg. canners & preservers	190	9,867	97,688	537,666	892,611	358,905
27	Bakeries	1,343	16,311	181,591	383,257	870,549	467,513
28	Agricultural implement industry	140	12,378	177,559	503,625	841,208	336,595
29	Miscellaneous chemical inds. n.e.s.	304	8,224	98,590	452,774	838,976	371,672
30	Fab. structural metal ind.	157	12,934	208,061	358,183	818,291	452,040
31	Breweries	41	7,262	124,942	250,543	815,586	547,494
32	Miscellaneous paper converters	207	10,230	115,196	425,836	792,819	359,944
33	Soft drink manufacturers	263	6,429	79,840	382,048	775,038	381,617
34	Wire and wire products mfrs. n.e.s.	242	10,405	125,016	430,970	759,665	322,544
35	Household furniture mfrs. n.e.s.	639	20,363	194,500	357,105	759,439	393,724
36	Mfrs. pharmaceuticals and medicines	127	6,594	75,430	280,655	758,414	485,825
37	Aircraft and aircraft parts mfrs.	101	14,257	191,215	302,143	738,241	504,825
38	Tobacco products manufacturers	14	5,300	80,291	315,663	715,106	402,085
39	Poultry processors	85	8,113	83,168	518,334	680,063	153,045
40	Mfrs. of electric wire and cable	38	6,423	88,649	442,179	678,054	236,406

Table 20.5 (cont'd)

Selected Principal Statistics of the Leading Industries¹, Canada and Ontario, 1977

Ontario Industry	Estab-lish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added	
		Number	Wages				
\$'000's							
Rank							
1	Motor vehicle manufacturers	11	33,893	578,783	6,238,256	7,802,096	1,610,303
2	Motor vehicle parts & accessories	186	40,153	646,241	2,043,442	3,733,769	1,685,608
3	Iron and steel mills	19	32,977	554,533	1,633,780	3,159,579	1,422,276
4	Petroleum refining	9	2,093	44,367	2,105,313	2,515,541	424,267
5	Misc. machinery and equipment mfrs.	507	23,494	299,754	911,661	1,787,370	881,698
6	Pulp and paper mills	37	17,329	295,510	740,843	1,603,036	681,777
7	Slaughtering and meat processors	152	9,000	128,028	1,116,108	1,445,246	324,156
8	Metal stamping and pressing ind.	276	12,635	160,863	659,712	1,109,322	444,940
9	Miscellaneous food processors n.e.s.	102	6,988	84,373	614,475	1,093,707	456,332
10	Dairy products industry	176	4,551	56,702	828,158	1,082,277	245,582
11	Industrial chemicals (organic) n.e.s.	20	4,991	88,288	650,316	1,052,340	319,640
12	Communications equipment mfrs.	153	14,176	163,203	333,735	932,526	585,874
13	Rubber products industries	63	12,198	155,004	419,888	862,567	453,953
14	Commercial printing	859	15,811	200,191	332,325	827,967	498,354
15	Mfrs. electrical industrial equip.	119	13,621	166,737	330,619	803,517	483,733
16	Misc. metal fabricating inds.	315	12,541	146,895	396,293	791,382	386,602
17	Plastics fabricating industry n.e.s.	337	14,295	142,387	416,467	783,841	358,628
18	Fruit & veg. canners & preservers	101	6,309	64,721	349,767	592,866	248,030
19	Publishing and printing	214	6,619	92,918	149,248	569,307	416,420

Table 20.5 (cont'd)Selected Principal Statistics of the Leading Industries¹, Canada and Ontario, 1977

Ontario Industry	Estab-lish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added	
		Number	Wages				
\$'000's							
Rank							
20	Agricultural implement industry	49	8,264	131,051	343,208	568,897	216,722
21	Miscellaneous paper converters	106	6,773	79,176	286,042	529,584	238,933
22	Mfrs. of soap and cleaning compounds	47	3,013	44,962	256,241	505,418	247,302
23	Miscellaneous chemical inds. n.e.s.	147	3,655	43,269	266,912	489,870	214,305
24	Feed industry	184	2,158	25,359	359,699	472,767	108,438
25	Hardware, tool and cutlery mfrs.	427	9,962	128,124	170,873	466,708	296,493
26	Wire and wire products mfrs. n.e.s.	142	6,357	77,389	265,056	465,309	197,736
27	Industrial chem. (inorganic) n.e.s.	29	2,751	51,816	165,179	453,253	193,098
28	Instrument & related products mfrs.	92	5,504	63,858	186,285	447,351	259,654
29	Manufacturers of major appliances	21	5,473	66,523	251,459	407,464	145,699
30	Mfrs. pharmaceuticals and medicines	70	3,762	41,399	134,820	388,551	254,735
31	Household furniture mfrs. n.e.s.	259	9,891	94,779	181,044	371,622	185,210
32	Smelting & refining	9	7,780	104,948	73,287	366,589	229,493
33	Mfrs. of electric wire and cable	17	3,535	47,248	249,635	359,349	107,997
34	Boiler and plate works	42	3,734	68,634	199,223	356,123	141,186
35	Confectionary manufacturers	40	4,042	41,639	175,897	351,538	176,854
36	Aluminum Rolling, castings & extruding	35	3,540	52,532	243,963	346,887	116,991
37	Automobile fabric accessories ind.	14	5,577	73,418	185,257	345,056	161,581
38	Iron foundries	53	6,145	87,008	144,395	343,601	181,944

¹ Rank relates only to industries for which data can be published.Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas* (31-203).

Table 20.6
Motor Vehicle Production, Canada, 1951-1979

	Passenger Cars Production	Motor Trucks and Buses Production	Total Production
1951-1955	1,589,765	550,288	2,139,794
1956	374,727	96,623	471,350
1957	340,381	73,196	413,577
1958	297,373	59,045	356,418
1959	301,435	66,504	367,939
1960	325,785	71,954	397,739
1961	323,638	63,285	386,923
1962	424,581	80,608	505,187
1963	532,243	99,113	631,356
1964	559,603	111,387	670,990
1965	706,810	139,799	846,609
1966	684,547	187,667	872,214
1967	708,281	211,227	919,508
1968	889,386	260,832	1,150,218
1969	1,025,994	300,484	1,326,478
1970	923,437	236,067	1,159,504
1971	1,083,201	263,564	1,346,765
1972	1,135,702	294,382	1,430,084
1973	1,227,432	347,388	1,574,820
1974	1,165,635	359,239	1,524,874
1975	1,044,822	379,184	1,424,006
1976	1,146,264	500,488	1,646,752
1977	1,162,427	612,456	1,774,883
1978	1,143,425	675,067	1,818,492
1979	987,673	643,988	1,631,661

Source: Motor Vehicle Manufacturers Association.

Table 20.7
Annual Production of Steel Ingots and Steel Castings for All Industries¹, by Region, Canada
1972-1977

	1972	1973	1974	1975	1976	1977
	'000's Net Tons					
Canada	13,066.2 ¹	14,664.9	14,956.2 ¹	14,268.2	14,617.3	15,086.5
Ontario	10,768.2	12,040.0	11,926.0	11,652.1	12,543.2	12,599.5
Atlantic Provinces	708.8	812.7	792.8	532.9	418.5	428.5
Québec	749.3	930.6	1,240.1	1,151.0	705.4	1,081.9
Prairie Provinces	688.6	796.0	882.6	833.1	843.4	868.9
British Columbia	151.3	85.6	114.8	99.1	106.7	108.2

¹ Includes details from other industries which manufacture as a secondary activity commodities such as steel ingots and steel castings

Source: SC, *Iron and Steel Mills* (41-203).

Table 20.8**Gross National Product and Index of Industrial Production¹, Canada, 1952–1979**

	Gross National Product ³	Index of Industrial Production					Electric Power, Gas and Water Utilities
		Total	Manufacturing			Mining ⁴	
			Total	Non- Durable	Durable		
	\$ Million		1971 = 100				
1952	24,588	35.2	38.9	39.8	37.9	25.9	22.2
1953	25,833	37.8	41.7	42.6	40.8	28.2	23.3
1954	25,918	37.8	40.8	43.3	38.2	31.3	25.3
1955	28,528	41.9	44.7	46.5	43.1	37.0	28.4
1956	32,058	46.3	48.9	50.2	47.6	43.0	31.5
1957	33,513	47.1	48.8	51.4	46.2	47.2	33.8
1958	34,777	46.8	47.9	52.3	43.5	47.9	37.0
1959	36,846	50.8	51.4	55.9	46.9	54.2	41.8
1960	38,359	51.9	52.3	57.4	47.1	54.3	45.3
1961	39,646	54.0	54.4	60.2	48.6	55.7	47.9
1962	42,927	58.6	59.4	64.0	54.8	59.6	50.5
1963	45,978	62.3	63.4	67.3	59.5	62.2	53.5
1964	50,280	68.0	69.5	72.6	66.2	67.0	58.0
1965	55,364	73.8	75.8	76.5	75.1	70.5	62.4
1966	61,828	79.2	81.5	81.6	81.5	74.1	67.9
1967	66,409	82.3	83.9	84.0	83.9	79.9	72.6
1968	72,586	87.6	89.1	88.4	89.7	86.2	78.2
1969	79,815	93.6	95.8	94.8	96.8	86.9	85.4
1970	85,685	94.9	94.5	95.7	93.2	98.7	93.3
1971	94,450	100.0	100.0	100.0	100.0	100.0	100.0
1972	105,234	107.5 ¹	107.1 ¹	107.3	107.0 ¹	106.5 ¹	111.4 ¹
1973	123,560	118.1 ¹	117.6 ¹	114.6 ¹	120.6 ¹	119.3 ¹	120.7 ¹
1974	147,528	122.2 ¹	122.0 ¹	117.5 ¹	126.5 ¹	117.3 ¹	130.2 ¹
1975	165,428	114.9	114.3 ¹	112.0 ¹	116.6 ¹	107.1 ¹	130.7 ¹
1976	191,492	121.3 ¹	120.8 ¹	118.6 ¹	122.9 ¹	109.8 ¹	142.9 ¹
1977	210,132	125.2 ¹	124.1 ¹	121.6 ¹	126.6 ¹	114.0 ¹	151.0 ¹
1978	231,835	132.4	133.8 ¹	132.9 ¹	134.6 ¹	105.3 ¹	159.7 ¹
1979	260,533	137.7	138.1	138.0	138.3	113.4	169.6

¹) Without seasonal adjustment.²) Data for 1952 to 1970 have been revised to the 1971 = 100 base from 1961 = 100.³) Current dollars at market prices.⁴) Includes milling, quarries and oil wells.Source: CANSIM, *Real Domestic Product by Industry, Annual Indexes*.
SC, *National Income and Expenditure Accounts*.

Table 20.9
Industrial Distribution of Ontario's Commodity Production, 1950-1977¹

	Industrial Structure Within Ontario: Percentage Distribution of Census Value Added in Goods Producing Industries										Total Non- Agricul- tural Inc.
	Secondary Industries			Primary Industries							
	Total	Manufac- turing	Construc- tion	Total	Electric Power	Mining	Fores- try	Fish- eries	Trap- ping	Agricul- ture	
1950	81.0	68.0	13.0	19.1	2.4	3.6	2.0	0.1	0.1	10.9	89.1
1951	80.7	67.7	13.0	19.3	2.4	3.4	2.2	0.1	0.1	11.1	88.9
1952	82.5	69.3	13.2	17.6	2.6	3.3	2.1	0.1	0.1	9.4	90.6
1953	84.2	69.3	14.9	15.9	2.8	3.1	1.6	0.1	0.1	8.2	91.8
1954	84.0	67.8	16.2	16.0	3.1	3.4	1.7	0.1	--	7.7	92.3
1955	84.7	69.5	15.2	15.4	3.3	3.5	1.8	0.1	0.1	6.6	93.4
1956	85.2	69.3	15.9	14.7	3.3	3.5	1.8	0.1	--	6.0	94.0
1957	84.5	67.1	17.4	15.4	3.3	4.1	1.7	0.1	--	6.2	93.8
1958	82.9	64.6	18.3	17.1	3.4	5.3	1.2	0.1	--	7.1	92.9
1959	82.9	66.8	16.1	17.1	3.6	6.0	1.4	0.1	--	6.0	94.0
1960	82.2	66.5	15.7	17.8	3.9	5.7	1.7	0.1	--	6.4	93.6
1961	79.9	67.9	12.0	20.1	4.0	7.1	1.5	0.1	--	7.4	92.6
1962	81.5	69.7	11.8	18.5	3.8	6.1	1.3	0.1	--	7.2	92.8
1963	83.1	71.2	11.9	16.9	3.7	5.5	1.0	0.1	--	6.6	93.4
1964	83.9	72.3	11.6	16.1	3.5	5.5	0.9	0.1	0.1	6.0	94.0
1965	84.6	72.8	11.8	15.4	3.4	5.1	0.8	0.1	--	6.0	94.0
1966	85.1	71.4	13.7	14.9	3.3	4.1	0.9	--	--	6.6	93.4
1967	84.9	71.0	13.9	15.1	3.4	5.0	0.8	--	--	5.9	94.1
1968	84.8	71.3	13.5	15.2	3.5	5.3	0.7	--	--	5.7	94.3
1969	85.7	72.0	13.7	14.3	3.6	4.4	0.7	--	--	5.6	94.4
1970	85.2	71.2	14.0	14.8	3.6	5.3	0.7	--	--	5.2	94.8
1971	87.9	72.3	15.5	12.1	3.4	4.2	0.6	--	--	3.9	96.1
1972 ¹	87.8	72.1	15.7	12.2	3.4	4.2	0.6	--	--	4.0	96.0
1973 ¹	85.6	70.6	15.0	14.4	3.4	5.2	0.6	--	--	5.1	94.9
1974 ¹	85.4	70.7	14.7	14.6	3.2	5.9	0.7	--	--	4.7	95.3
1975 ¹	85.9	70.6	15.3	14.1	3.2	4.8	0.6	--	--	5.4	94.6
1976 ¹	86.6	69.9	16.7	13.4	3.6	4.6	0.6	--	--	4.4	95.6
1977	85.9	70.3	15.7	14.1	4.6	4.1	0.7	--	--	4.6	95.4

¹¹ Adoption of the 1960 Standard Industrial Classification has brought about changes in data for mining and manufacturing from 1959 onward and again in manufacturing from 1961 onward. As a result, the series for these statistics and for totals which include these statistics are discontinued at 1959 and 1961.

Source: SC, *Survey of Production* (61-202).

Table 20.10
Position of Ontario's Commodity Production in Canada, 1950-1977

	Ontario Percentage of Canada Census Value Added in Goods Producing Industries											
	All Com- modity- Producing Industries	Secondary Industries			Primary Industries							Total Non-Agri- cultural Industries
		Total	Manu- facturing	Con- struction	Total	Electric Power	Mining	Fores- try	Fish- eries	Trap- ping	Agri- culture	
1950	41.2	48.8	51.6	37.9	24.8	34.1	24.6	18.4	7.6	26.9	25.8	44.5
1951	40.1	48.5	51.4	37.4	23.4	35.0	23.2	17.9	6.9	26.3	23.8	43.9
1952	39.3	47.5	51.2	34.5	21.7	35.0	23.4	18.8	8.0	25.9	20.2	43.6
1953	40.8	47.6	51.7	34.8	23.3	36.6	23.3	17.4	7.8	29.3	22.6	44.0
1954	41.1	46.3	49.7	35.9	26.0	36.8	21.8	17.0	7.2	27.3	29.6	42.5
1955	40.5	46.8	50.6	34.9	23.3	38.4	20.8	17.2	7.4	24.6	23.3	42.8
1956	39.9	46.2	50.7	33.4	22.3	39.5	20.1	16.5	7.5	24.2	21.5	42.2
1957	42.1	47.0	51.4	35.3	26.9	39.3	23.7	19.4	7.4	23.5	29.0	43.4
1958	42.2	46.7	50.2	37.5	28.8	38.2	30.6	17.0	6.2	25.7	28.9	43.8
1959	42.2	46.8	51.5	34.0	28.7	37.9	32.6	18.3	4.6	25.2	26.7	43.9
1960	41.3	46.0	50.3	33.8	27.9	38.0	30.5	19.2	4.9	22.9	26.2	43.0
1961	42.5	46.7	50.8	33.2	30.2	37.1	31.4	17.3	5.2	21.1	31.5	43.1
1962	41.6	47.5	51.3	34.1	26.0	36.3	27.0	15.8	4.1	23.7	25.5	43.2
1963	42.1	48.5	52.3	34.9	24.4	35.8	24.4	17.7	4.2	28.3	22.4	44.2
1964	42.4	48.5	52.6	33.5	24.6	35.4	23.5	16.2	3.5	30.2	24.1	43.9
1965	42.6	48.4	53.3	31.9	24.4	35.8	22.3	16.0	4.0	24.6	24.5	44.0
1966	42.3	48.6	53.3	34.1	23.2	35.4	19.2	17.1	3.4	29.0	24.3	44.0
1967	43.5	48.7	53.9	34.2	25.2	34.6	22.3	16.5	3.6	24.9	27.5	44.2
1968	43.8	49.0	54.0	35.0	25.1	34.6	22.8	15.3	3.2	27.6	27.4	44.4
1969	43.4	48.8	53.7	34.8	24.0	34.7	19.5	15.1	4.0	30.1	26.9	44.0
1970	43.6	49.7	53.5	36.5	25.6	34.2	22.1	16.1	3.2	26.2	29.0	44.8
1971	43.5	49.5	54.1	35.5	23.1	34.5	18.9	15.3	3.4	24.7	25.3 ¹⁾	44.8
1972	43.9	49.8	53.9	36.9	23.7	35.4	18.9	14.2	3.4	24.9	27.7 ¹⁾	45.0
1973	42.3 ¹⁾	49.2	53.4	35.9	22.4	37.4	19.2	13.1	3.2	25.4	25.6 ¹⁾	43.8
1974	41.3	48.6	52.9	35.0 ¹⁾	21.6	37.1	18.6	15.1	3.3	27.1	23.2 ¹⁾	43.0
1975	39.3 ¹⁾	46.7	51.9 ¹⁾	31.8	19.5	34.0	14.0	15.7	3.8	28.5	25.0 ¹⁾	40.7
1976	38.5 ¹⁾	45.8	52.0	30.7	18.1	34.4 ¹⁾	12.9 ¹⁾	14.6	3.2	25.7	23.5 ¹⁾	39.5
1977	38.2	45.6	51.9	29.6	19.1	36.3	10.7	16.1	2.9	25.1	27.9	38.9

¹⁾ Adoption of the 1960 Standard Industrial Classification has brought about changes in data for mining and manufacturing from 1959 onward and again in manufacturing from 1961 onward. As a result the series for these statistics and for totals which include these statistics are discontinuous at 1959 and 1961.

Source: SC, *Survey of Production*, (61-202).

Table 20.11
Real Domestic Product by Industry, Canada, 1971-1978

	1971 weight	1972 ^r	1973 ^r	1974 ^r	1975 ^r	1976 ^r	1977 ^r	1978
	1971 = 100							
Real Domestic Product	100.000	105.5	113.6	119.0	119.8	126.1	130.1	135.3
Agriculture	3.371	88.5	93.7	89.8	98.0	104.2	108.8	117.8
Forestry	0.802	102.4	123.9	117.8	97.6	112.3	116.4	123.8
Fishing and Trapping	0.178	95.5	100.4	89.3	88.3	102.1	106.9	126.5
Mines (including milling), Quarries and Oil Wells	3.819	106.5	119.3	117.3	107.1	109.8	114.0	105.3
Manufacturing Industries	22,753	107.1	117.6	122.0	114.3	120.8	124.1	133.8
Construction Industry	6.990	102.4	107.5	112.6	116.7	122.8	121.8	120.7
Transportation, Storage and Communication	9.050	107.0	116.3	124.0	126.9	133.7	139.5	145.2
Electric Power, Gas and Water Utilities	2.658	111.4	120.7	130.2	130.7	142.9	151.0	159.7
Trade	11,561	109.2	118.9	128.0	128.8	135.1	136.5	140.9
Wholesale Trade	4,756	108.1	117.9	126.6	121.8	126.8	127.1	131.4
Retail Trade	6,805	110.0	119.6	129.0	133.8	140.8	143.0	147.5
Finance, Insurance and Real Estate	11,853	106.0	114.7	120.6	127.8	135.6	143.7	150.5
Community, Business and Personal Service Industries	19,539	104.2	108.8	115.0	119.9	125.7	129.9	134.0
Public Administration and Defence	7,425	104.3	109.8	114.0	119.6	123.0	126.1	128.8

Source: SC, *Indexes of Real Domestic Product by Industry*, (61-005, 61-213)

Investment and Construction

Highlights

- **Investment** – In Ontario in 1980, capital and repair expenditures amounted to \$25.5 billion, which represented 31.0 per cent of the Canada total. Of the Ontario total, construction accounted for 48.1 per cent; machinery and equipment accounted for 51.9 per cent.

Of the \$25.5 billion of capital and repair investment in Ontario in 1980, the manufacturing sector expended 27.5 per cent; utilities, 19.4 per cent; housing, 18.6 per cent; government departments, 8.2 per cent; and commercial services, 6.2 per cent.

In 1980, of the \$7.0 billion spent in Ontario for capital and repair investment in the manufacturing sector, 22.6 per cent was spent in Toronto, 13.5 per cent in Hamilton and 13.6 per cent in Windsor.

Of Ontario's \$19.2 billion of private and public investment in 1980, 50.4 per cent was invested in construction and 49.6 per cent in new machinery and equipment. Of the Ontario total, primary industries accounted for 10.0 per cent; manufacturing, 25.2 per cent; utilities, 18.9 per cent; trade and finance, 16.1 per cent; housing, 18.4 per cent; and institutions and government departments, 11.3 per cent.

- **Value of Construction** – Forecast figures for the value of total building construction in Ontario indicate that the figure will reach \$7.42 billion in 1978. Of this total, residential construction is likely to account for 66.9 per cent; industrial for 8.7 per cent; commercial for 14.4 per cent; institutional for 5.3 per cent; and other construction for 4.7 per cent.

The total value of engineering construction rose by 2.9 per cent between 1977 and 1978 to reach \$3.6 billion out of which 23.3 per cent was allocated to electric power construction; 17.6 per cent to road, highway and aerodrome construction; 14.9 per cent to waterworks and sewage systems; and 15.3 per cent to railway, telephone and telegraph.

Between 1978 and 1979, the total value of construction work performed rose by 7.7 per cent to \$11.8 billion of which 34.7 per cent consisted of labour costs and 38.2 per cent of the cost for materials used. The value of new work (as opposed to repair work) totalled \$9.5 billion, or 81.0 per cent of the total value of construction work performed in Ontario in 1979.

- **Building Permits** – In Ontario in 1979, 54,678 residential building permits were issued, a decrease of 22.0 per cent from the previous year's total. Of this total, single dwellings accounted for 47.5 per cent; apartments, 27.7 per cent; double dwellings, 13.7 per cent; row housing, 8.8 per cent; and others, 2.3 per cent.

The value of building permits in Ontario increased by 2.0 per cent, to \$4.3 billion from 1978 to 1979. Of this total value of building permits, residential construction accounted for 54.9 per cent, industrial construction for 13.3 per cent, commercial construction for 23.8 per cent, and institutional and government construction for 8.0 per cent.

- **Dwelling Starts** – In Ontario from 1978 to 1979, the number of dwelling starts decreased by 20.7 per cent to 56,887, the number of completions fell 4.8 per cent to 76,570 and the number of dwellings under construction fell 32.2 per cent to 44,851. Of the total number of dwelling starts in 1979, single detached accounted for 49.7 per cent, semi-detached and duplexes for 13.9 per cent, row for 10.1 per cent, and apartment and others for 26.3 per cent.

Definitions

Capital Expenditures – Include the cost of procuring, constructing and installing new durable plant and machinery, whether for replacement of worn or obsolete assets, or as gross additions to existing assets. Included are all capitalized costs such as architectural, legal and engineering fees, as well as the value of work on capital assets undertaken by firms with their own labour force. Gross outlays are reported without any deduction for scrap or trade-in value of old assets. Excluded are expenditures made for the acquisition of previously existing structures, for used machinery and equipment unless imported and for land since outlays of this type

involve only the transfer of property and not the creation of a capital asset. Housing is not generally considered a capital expenditure but it has been included because it forms a large proportion of construction expenditures and has cyclical fluctuations similar to those which characterize business, institutional and government capital expenditures.

Construction – As it pertains to investment, includes building construction and all types of engineering construction such as roads, dams, transmission lines and pipelines, as well as oil drilling and mine development.

Machinery and Equipment – Takes into account the purchase of all such items which are used either in producing goods or providing services but does not cover durable goods purchased for personal use. As well as industrial machinery, transportation equipment, agricultural implements, professional and scientific equipment, office and store furnishings and other similar capital goods are included. Excluded are outlays for defence equipment.

Repair Expenditures – Represent the non-capitalized outlays made to maintain the operating efficiency of the existing stock of durable physical assets. These repair and maintenance expenditures exclude, however, the routine care of assets such as in oiling and cleaning of machinery. Where the repair costs are large enough to materially lengthen the expected serviceable life of the assets, increase its capacity or otherwise raise its productivity, they are treated as capital expenditures on new construction or on new machinery and equipment.

NHA – National Housing Act.

CMHC – Canada Mortgage and Housing Corporation.

Building Permit: is the permission or authorization in writing by the authority having jurisdiction to perform work regulated by a building Bylaw. Building permits values therefore represent the value of construction based on estimates provided by local governments issuing building permits and reporting to Statistics Canada. These estimates include the cost of putting up new buildings, additions to existing buildings and changes likely to affect the use or occupancy of a building. Other costs normally charged to capital costs such as architectural, legal, financial and engineering, are not included.

Residential – The classification for residential construction is intended to reflect the value of building permits or construction for new dwellings: single, seasonal, double, row, apartments and conversions; and for alterations and improvements to existing dwellings: additions, structural changes, residential garages and swimming pools, and other improvements to existing dwellings.

Industrial – Includes buildings used for: manufacturing and processing, transportation, communication and other utilities and agriculture, forestry, mine and mine mill buildings.

Commercial – Includes stores, warehouses, garages, office buildings, theatres, hotels, funeral parlours, beauty salons and miscellaneous commercial: signs, posters, heating and plumbing installations, etc.

Institutional and Government – Includes expenditures made by the community, public and government for buildings and structures – schools, universities, hospitals, clinics, churches, homes for the aged, government offices and administration buildings, law enforcement, public protection, national defence, and ancillary buildings such as dormitories, residences, church rectories, gymnasiums, heating plants, and laundries and cafeterias for hospitals, schools and universities.

Dwelling Unit – A structurally separate set of self-contained living premises with a private entrance from outside the building or from a common hall, lobby or stairway inside the building. Such an entrance must be one that can be used without passing through another separate dwelling unit.

Double Dwellings – Structures containing two dwelling units such as duplexes and semi-detached.

Row Dwellings – Are ground oriented one-family dwellings in a structure of three or more attached dwellings.

Apartments – Refer to dwellings contained in a structure with common areas consisting of three or more units such as triplexes, quadruplexes, row duplexes and apartment buildings proper. Flats, regardless of number, which are part of a non-residential structure are also included.

Single-detached (Single Dwelling) – A building containing only one dwelling unit which is completely separated on all sides from any other dwelling or structure.

Semi-detached – One of two dwellings located side-by-side in a building adjoining no other structure and separated by a common or party wall extending from ground to roof.

Duplex – One of two dwelling units located one above the other in a building adjoining no other structure.

Conversions – Consist of dwelling units added by modification of existing structures.

Start – The beginning of construction work on a building, usually when the concrete has been poured for the whole of the footing around the structure, or an equivalent stage where a basement will not be part of the structure.

Completion – The stage at which all the proposed construction work on a dwelling unit has been performed. Under some circumstances a dwelling may be counted as completed when no more than 10 per cent of the proposed work remains to be done.

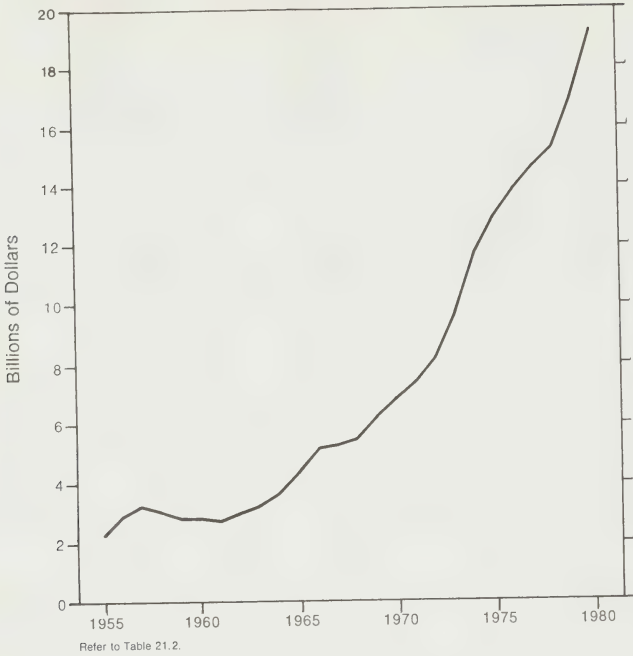
Assisted Home-Ownership – Refers to lending programmes which commenced with the innovative programme in 1970 whereby favourable amortization and interest rates were granted to low income mortgage applicants as an aid in home-ownership. In July 1973, a revised programme was introduced which provided in addition to interest assistance, a federal subsidy of up to \$300 per annum. This was extended to \$600 per annum in July, 1974. In 1976, the Interest Reduction Loan was introduced to the amount equalling the difference between the actual interest rate of the approved lender and 8%. In addition, both a federal subsidy and a provincial subsidy amounting to \$750 annually each are available in special circumstances.

Co-operative Housing – Within the meaning of the National Housing Act, is housing erected by a co-operative association to provide accommodation for persons, the majority of whom are members of the association, who will occupy the housing but not as owners.

Non-Profit Housing – Church groups, service clubs and neighbourhood groups building non-profit rental housing, a portion of which will be occupied by families and individuals whose incomes are inadequate to meet current rentals on the open market.

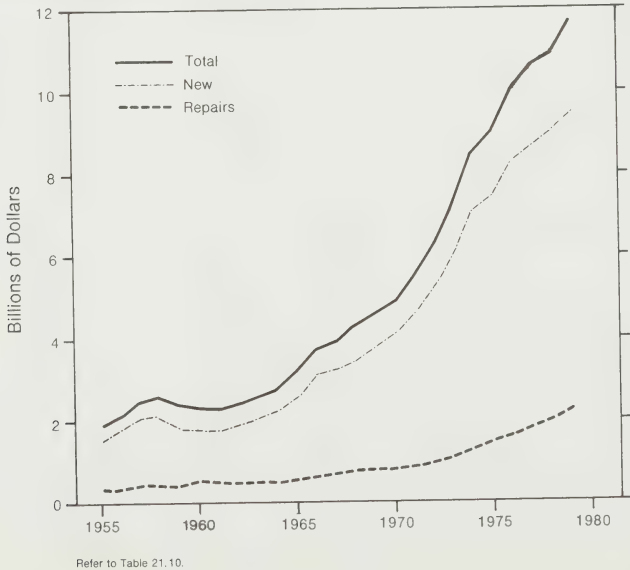
Graph 21.A

Private and Public Investment, All Sectors, Ontario, 1955-1980

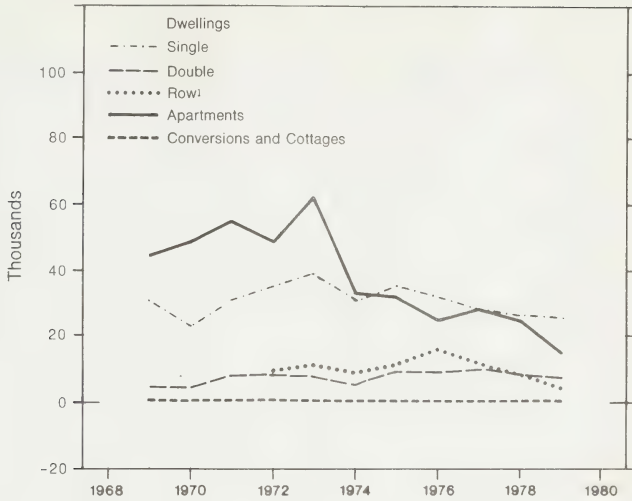


Graph 21.B

Total Value of Construction Work Performed, Ontario, 1955-1979

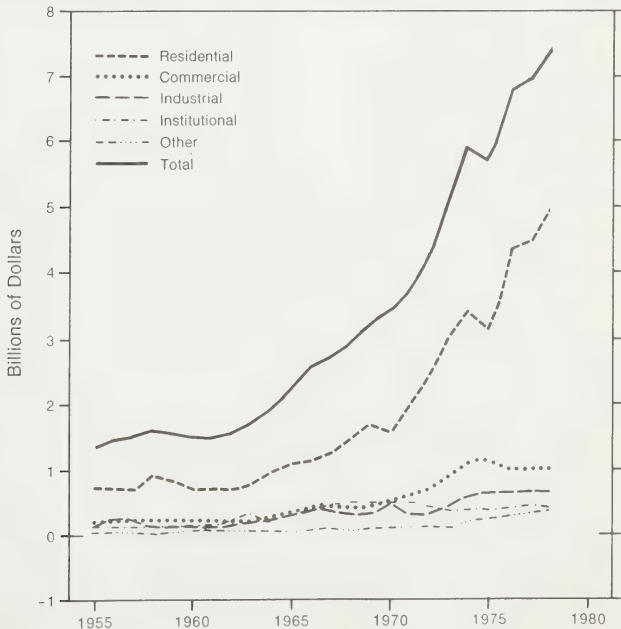


Graph 21.C
 Number of Building Permits Issued, Ontario, 1969-1979



Refer to Table 21.12.

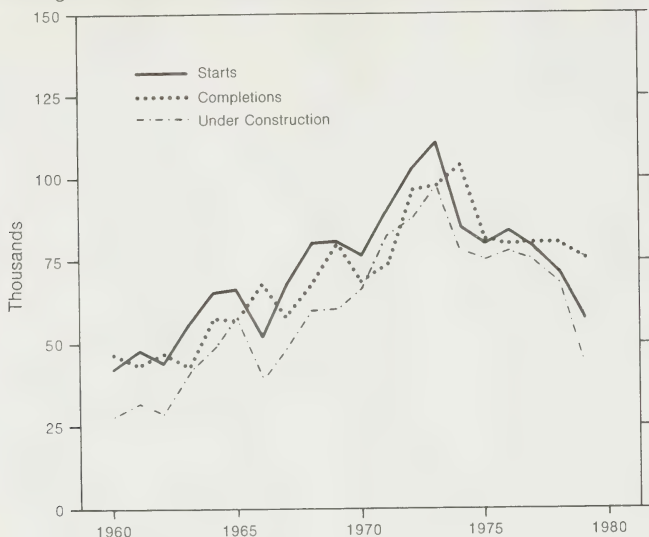
Graph 21.D
 Total Value of Building Construction by Type of Structure, Ontario, 1955-1978



Refer to Table 21.7

Graph 21.E

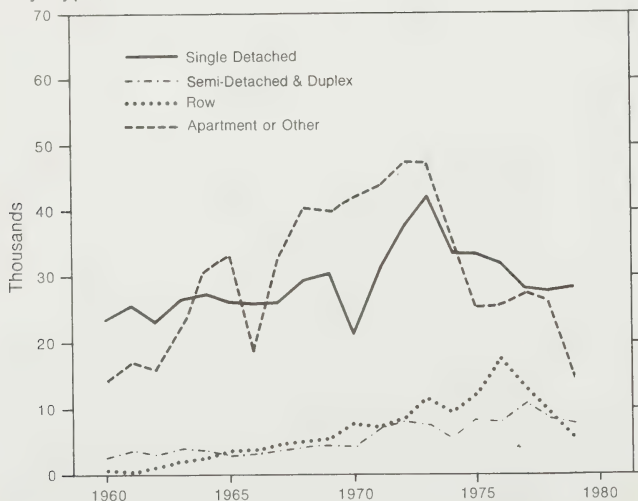
Number of Dwellings Started, Completed and Under Construction, Ontario, 1960-1979



Refer to Table 21.13

Graph 21.F

Dwelling Starts by Type, Ontario, 1960-1979



Refer to Table 21.14.

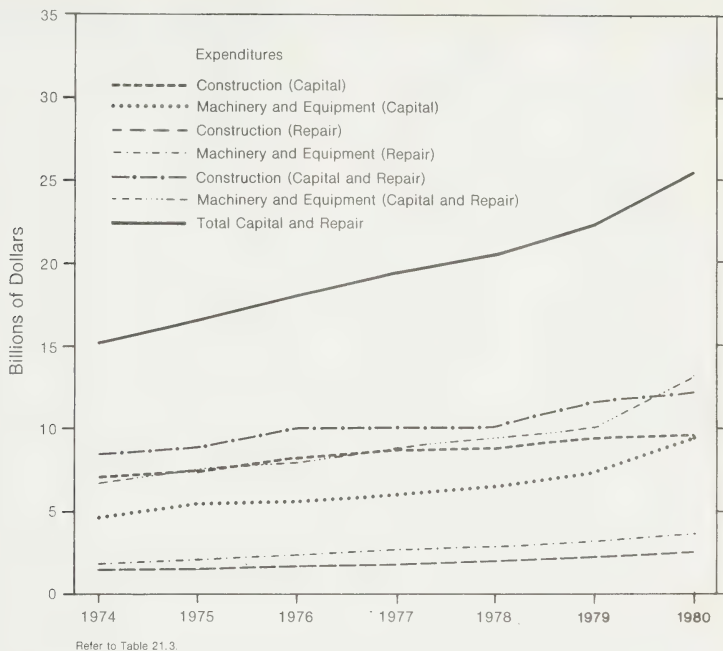
Graph 21.G**Capital and Repair Expenditures by Type, Ontario, 1974-1980**

Table 21.1Private and Public Investment, Canada and Ontario, 1950–1980¹

	Construction			New Machinery and Equipment			Total New Capital		
	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada
Capital Expenditures - \$ Million									
1950	2,453	895	36.5	1,483	524	35.3	3,823	1,419	37.1
1951	2,871	1,023	35.6	1,868	717	38.4	4,408	1,740	39.5
1952	3,434	1,137	33.1	2,057	762	37.0	5,491	1,899	34.6
1953	3,756	1,276	34.0	2,220	830	37.4	5,976	2,106	35.2
1954	3,818	1,317	34.5	1,984	772	38.9	5,802	2,089	36.0
1955	4,456	1,486	33.3	2,075	785	37.8	6,531	2,271	34.8
1956	5,435	1,788	32.9	2,761	1,054	38.2	8,196	2,842	34.7
1957	5,880	2,067	35.2	2,933	1,199	40.9	8,813	3,266	37.1
1958	5,954	2,144	36.0	2,534	960	37.9	8,488	3,104	36.6
1959	5,792	1,904	32.9	2,708	966	36.8	8,500	2,900	34.1
1960	5,519	1,828	33.1	2,809	1,028	36.6	8,328	2,856	34.3
1961	5,630	1,794	31.9	2,662	1,000	37.7	8,292	2,794	33.7
1962	5,834	1,936	33.2	2,935	1,118	38.1	8,769	3,054	34.8
1963	6,156	2,088	33.9	3,242	1,194	36.8	9,398	3,282	34.9
1964	7,032	2,249	32.0	3,948	1,498	37.9	10,980	3,747	34.1
1965	8,175	2,533	31.0	4,760	1,846	38.8	12,935	4,378	33.8
1966	9,281	3,088	33.2	5,807	2,173	37.4	15,088	5,261	34.9
1967	9,474	3,173	33.5	5,874	2,185	37.2	15,348	5,357	34.9
1968	9,909	3,485	35.2	5,546	2,094	37.7	15,455	5,579	36.1
1969	10,824	3,825	35.3	6,103	2,482	40.7	16,927	6,308	37.3
1970	11,319	4,127	36.5	6,479	2,801	43.2	17,798	6,928	38.9
1971	13,274	4,662	35.1	6,910	2,798	40.5	20,184	7,460	37.0
1972	14,470	5,253	36.3	7,748	2,984	38.5	22,218	8,237	37.1
1973	16,953	5,981	35.3	9,666	3,734	38.6	26,618	9,715	36.5
1974	20,771	7,088	34.1	12,111	4,728	39.0	32,882	11,816	35.9
1975	24,055	7,493	31.1	14,162	5,428	38.3	38,216	12,920	33.8
1976	28,144	8,370	29.7	15,492	5,578	36.0	43,636	13,948	32.0
1977	30,130	8,725	29.0	16,467	6,008	36.5	46,598	14,732	31.6
1978 ¹	31,912	8,914	27.9	18,448	6,647	36.0	50,360	15,561	30.9
1979 ^p	35,471	9,213	26.0	21,970	7,614	34.7	57,441	16,827	29.3
1980	38,797	9,695	25.0	25,540	9,537	37.3	64,337	19,232	29.9

1) Preliminary actual 1979, intentions 1980.

Source: SC, *Private and Public Investment in Canada*, (61–205).

Table 21.2
Private and Public Investment by Sector, Ontario, 1950-1980¹

	Primary Industries and Construction			Manufacturing			Utilities		
	Const.	New Mach.	Total	Const.	New Mach.	Total	Const.	New Mach.	Total
Capital Expenditures - \$ Million									
1950	45	152	197	56	162	218	201	114	315
1951	44	168	212	138	257	395	188	173	361
1952	44	145	189	158	319	477	220	177	397
1953	45	149	194	169	330	499	235	209	444
1954	66	138	204	124	292	416	198	195	393
1955	75	184	259	121	291	412	188	159	347
1956	144	230	374	189	441	630	284	217	501
1957	182	238	420	219	456	675	460	325	785
1958	83	184	267	159	344	503	506	256	762
1959	67	171	238	132	371	503	322	267	589
1960	64	169	233	147	408	555	315	241	556
1961	70	155	225	125	409	534	291	227	518
1962	76	157	233	175	473	648	280	241	520
1963	87	186	273	170	497	667	308	259	567
1964	82	222	304	205	700	905	329	284	613
1965	106	254	360	280	902	1,182	310	380	690
1966	197	308	506	389	1,031	1,420	410	425	836
1967	195	342	537	315	895	1,210	400	494	894
1968	173	326	499	258	742	1,000	473	557	1,031
1969	161	344	505	314	943	1,256	513	638	1,151
1970	214	357	570	440	1,185	1,625	649	685	1,334
1971	213	394	607	312	1,020	1,332	763	791	1,554
1972	215	443	658	314	1,027	1,341	822	764	1,586
1973	229	493	721	372	1,263	1,635	773	1,033	1,806
1974	294	604	898	570	1,683	2,252 ^r	902	1,225	2,127
1975	348	704	1,051	738	2,123	2,861	1,313	1,368	2,681
1976	409	802	1,211	830	2,186	3,016	1,047	1,328	2,374
1977	430	852	1,282	950	2,409	3,359	1,102	1,311	2,413
1978 ^r	455	898	1,353	803	2,283	3,086	1,293	1,749	3,042
1979 ^p	587	1,084	1,670	800	2,681	3,480	1,299	1,969	3,268
1980	684	1,234	1,918	901	3,953	4,854	1,445	2,184	3,629

Table 21.2 (cont'd)Private and Public Investment by Sector, Ontario, 1950–1980¹

	Trade, Finance and Commercial Services			Housing	Institutions and Government Depts.			Total			
	Const.	New Mach.	Total		Total ²	Const.	New Mach.	Total	Const.	New Mach.	Total
Capital Expenditures - \$ Million											
1950	91	76	167	318	184	21	205	895	524	1,419	
1951	86	89	175	333	234	30	264	1,023	717	1,740	
1952	64	73	137	310	341	49	390	1,137	762	1,899	
1953	121	97	218	400	305	45	350	1,276	830	2,106	
1954	146	109	255	485	298	38	336	1,317	772	2,089	
1955	143	118	261	606	353	34	387	1,486	785	2,271	
1956	147	124	271	602	424	42	466	1,788	1,054	2,842	
1957	169	140	309	559	478	40	518	2,067	1,199	3,266	
1958	162	123	285	718	516	53	569	2,144	960	3,104	
1959	163	134	297	663	558	53	611	1,904	996	2,900	
1960	169	150	319	551	581	59	640	1,828	1,028	2,856	
1961	165	148	313	543	599	61	660	1,794	1,000	2,794	
1962	163	164	328	562	679	83	763	1,936	1,118	3,054	
1963	161	170	331	599	763	82	845	2,088	1,194	3,282	
1964	205	195	399	774	655	98	752	2,249	1,498	3,747	
1965	248	212	460	803	786	98	884	2,533	1,846	4,379	
1966	280	270	551	876	935	137	1,073	3,088	2,173	5,261	
1967	307	310	617	921	1,035	144	1,179	3,173	2,185	5,358	
1968	285	308	593	1,184	1,111	159	1,271	3,484	2,094	5,578	
1969	296	410	706	1,425	1,116	148	1,264	3,825	2,482	6,307	
1970	388	424	811	1,287	1,150	150	1,300	4,127	2,801	6,928	
1971	469	416	884	1,642	1,263	179	1,441	4,662	2,798	7,460	
1972	564	547	1,111	2,037	1,302	202	1,504	5,253	2,984	8,237	
1973	749	711	1,460	2,577	1,282	234	1,516	5,981	3,734	9,715	
1974	884	898	1,782	2,872	1,566	319	1,885	7,088	4,728	11,816	
1975	864	907	1,771	2,554	1,677	327	2,003	7,493	5,428	12,921	
1976	868	940	1,808	3,611	1,605	324	1,929	8,370	5,578	13,948	
1977	864	1,070	1,935	3,746	1,632	365	1,997	8,725	6,008	14,733	
1978 ¹	947	1,374	2,321	3,699	1,718	343	2,061	8,914	6,647	15,561	
1979 ^p	1,161	1,558	2,719	3,587	1,778	324	2,102	9,213	7,614	16,827	
1980	1,301	1,803	3,104	3,549	1,816	363	2,180	9,695	9,537	19,232	

1) Preliminary actual 1979, intentions 1980.

2) The housing category consists of construction only.

Source: SC, *Private and Public Investment in Canada*, (61–205).

Table 21.3
Capital and Repair Investment by Type, by Province, Canada, 1974–1980¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		Total
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	
\$ Million								
Canada	1974	20,771.8	12,111.1	3,919.4	5,269.9	24,690.5	17,381.0	42,071.5
	1975	24,054.5	14,161.7	4,320.0	5,835.2	28,374.5	19,996.9	48,371.4
	1976	28,144.1	15,492.2	4,984.7	6,790.5	33,128.8	22,282.7	55,411.5
	1977	30,130.2	16,467.3	5,673.5	7,496.3	35,803.7	23,963.6	59,767.3
	1978 ⁱ	31,911.8	18,447.8	6,278.3	8,417.5	38,190.1	26,865.3	65,055.4
	1979 ^p	35,470.5	21,970.2	6,900.5	9,294.9	42,371.0	31,265.1	73,636.1
	1980	38,796.5	25,540.4	7,619.8	10,096.1	46,416.3	35,636.5	82,052.8
Ontario	1974	7,087.7	4,728.0	1,413.3	1,957.9	8,501.0	6,685.9	15,186.9
	1975	7,492.5	5,427.8	1,496.0	2,138.5	8,988.5	7,566.3	16,554.8
	1976	8,370.0	5,578.2	1,695.8	2,484.7	10,065.8	8,062.9	18,128.7
	1977	8,724.5	6,007.7	1,889.0	2,788.7	10,613.5	8,796.4	19,409.9
	1978 ⁱ	8,914.4	6,647.0	2,065.2	3,099.1	10,979.6	9,746.1	20,725.7
	1979 ^p	9,213.0	7,613.9	2,325.5	3,389.1	11,538.5	11,003.0	22,541.5
	1980	9,695.2	9,537.1	2,565.4	3,677.4	12,260.6	13,214.5	25,475.1
Newfoundland	1974	519.8	178.3	86.8	153.4	606.6	331.7	938.3
	1975	527.7	186.5	88.9	165.8	616.6	352.3	968.9
	1976	636.3	192.9	96.7	205.7	733.0	398.6	1,131.6
	1977	511.7	200.1	111.5	197.3	623.2	397.4	1,020.6
	1978 ⁱ	533.9	250.4	108.6	191.8	642.5	442.2	1,084.7
	1979 ^p	689.3	309.9	117.5	238.8	806.8	548.7	1,355.5
	1980	702.9	386.0	128.3	252.8	831.2	638.8	1,470.0
Prince Edward Island	1974	84.3	34.0	19.4	10.5	103.7	44.5	148.2
	1975	82.9	34.8	24.5	12.5	107.4	47.3	154.7
	1976	73.6	37.7	26.5	18.0	100.1	55.7	155.8
	1977	86.0	44.5	32.6	16.5	118.6	61.0	179.6
	1978 ⁱ	127.9	43.8	37.6	19.5	165.5	63.3	228.8
	1979 ^p	134.0	55.6	30.5	26.3	164.5	81.9	246.4
	1980	144.6	64.9	34.2	28.9	178.8	93.8	272.6
Nova Scotia	1974	586.6	306.3	124.1	137.8	710.7	444.1	1,154.8
	1975	636.5	285.1	127.9	144.5	764.4	429.6	1,194.0
	1976	728.6	312.7	145.1	169.2	873.7	481.9	1,355.6
	1977	726.8	313.7	187.9	181.4	914.7	495.1	1,409.8
	1978 ⁱ	783.5	406.2	215.4	219.2	998.9	625.4	1,624.3
	1979 ^p	896.6	471.7	225.8	232.3	1,122.4	704.0	1,826.4
	1980	991.5	497.7	248.7	254.3	1,240.2	752.0	1,992.2
New Brunswick	1974	649.7	326.1	105.1	116.9	754.8	443.0	1,197.8
	1975	727.1	432.2	101.4	134.6	828.5	566.8	1,395.3
	1976	766.4	410.3	126.0	155.5	892.4	565.8	1,458.2
	1977	737.5	417.4	136.4	152.9	873.9	570.3	1,444.2
	1978 ⁱ	793.7	516.6	134.6	183.2	928.3	699.8	1,628.1
	1979 ^p	916.4	714.3	161.7	210.4	1,078.1	924.7	2,002.8
	1980	852.0	620.3	178.0	227.6	1,030.0	847.9	1,877.9

Table 21.3 (cont'd)Capital and Repair Investment by Type, by Province, Canada, 1974-1980¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
Québec	1974	4,747.3	2,650.9	851.0	1,172.4	5,598.3	3,823.3	9,421.6
	1975	6,119.2	3,051.2	992.1	1,280.3	7,111.3	4,331.5	11,442.8
	1976	6,746.1	3,066.9	1,157.2	1,508.5	7,903.3	4,575.4	12,478.7
	1977	7,237.2	3,465.1	1,353.1	1,620.2	8,590.3	5,085.3	13,675.6
	1978 ^r	7,015.7	3,778.2	1,511.6	1,800.0	8,527.3	5,578.2	14,105.5
	1979 ^p	7,743.4	4,316.1	1,651.6	1,909.9	9,395.0	6,226.0	15,621.0
	1980	7,967.5	4,824.1	1,830.2	2,075.7	9,797.7	6,899.8	16,697.5
Manitoba	1974	807.8	571.6	173.9	205.7	981.7	777.3	1,759.0
	1975	823.1	698.0	189.2	262.7	1,012.3	960.7	1,973.0
	1976	1,054.4	758.0	232.9	284.4	1,287.3	1,042.4	2,329.7
	1977	1,148.9	748.4	248.8	309.8	1,397.7	1,058.2	2,455.9
	1978 ^r	1,269.6	748.4	232.3	341.2	1,501.9	1,089.6	2,591.5
	1979 ^p	1,155.2	871.5	296.7	377.6	1,451.9	1,249.1	2,701.0
	1980	1,178.3	949.4	331.6	420.1	1,509.9	1,369.5	2,879.4
Saskatchewan	1974	681.4	580.3	176.3	249.1	857.7	829.4	1,687.1
	1975	922.9	856.9	207.5	273.7	1,130.4	1,130.6	2,261.0
	1976	1,197.0	982.8	224.0	303.4	1,421.0	1,286.2	2,707.2
	1977	1,314.1	955.2	250.1	325.2	1,564.2	1,280.4	2,844.6
	1978 ^r	1,349.5	1,043.1	303.3	374.9	1,652.8	1,418.0	3,070.8
	1979 ^p	1,695.1	1,344.5	351.5	429.3	2,046.6	1,773.8	3,820.4
	1980	1,959.1	1,543.1	380.5	485.9	2,339.6	2,029.0	4,368.6
Alberta	1974	2,506.3	1,324.4	455.0	420.5	2,961.3	1,744.9	4,706.2
	1975	3,395.3	1,611.7	525.3	520.4	3,920.6	2,132.1	6,052.7
	1976	4,558.6	2,443.9	638.9	612.6	5,197.5	3,056.5	8,254.0
	1977	5,395.1	2,430.7	729.4	738.3	6,124.5	3,169.0	9,293.5
	1978 ^r	6,550.3	2,881.0	861.2	857.8	7,411.5	3,738.8	11,150.3
	1979 ^p	8,161.4	3,415.3	890.1	1,106.0	9,051.5	4,521.3	13,572.8
	1980	9,663.3	3,716.5	993.4	1,196.8	10,656.7	4,913.3	15,570.0
British Columbia	1974	2,735.8	1,359.8	490.0	815.1	3,225.8	2,174.9	5,400.7
	1975	2,996.9	1,426.1	543.1	857.5	3,540.0	2,283.6	5,823.6
	1976	3,647.1	1,549.8	613.4	996.3	4,260.5	2,546.1	6,806.6
	1977	3,784.7	1,808.6	708.0	1,121.4	4,492.7	2,930.0	7,422.7
	1978 ^r	4,153.8	2,047.1	779.2	1,278.3	4,933.0	3,325.4	8,258.4
	1979 ^p	4,473.0	2,702.3	824.4	1,314.8	5,297.4	4,017.1	9,314.5
	1980	5,263.5	3,178.8	901.9	1,412.6	6,165.4	4,591.4	10,756.8
Yukon and Northwest Territories	1974	364.4	51.4	24.5	30.6	388.9	82.0	470.9
	1975	330.4	151.4	24.1	44.7	354.5	196.1	550.6
	1976	366.0	159.0	28.2	52.2	394.2	211.2	605.4
	1977	463.7	75.9	26.7	44.6	490.4	120.5	610.9
	1978 ^r	419.5	86.0	29.3	52.5	448.8	138.5	587.3
	1979 ^p	393.1	155.1	25.2	60.4	418.3	215.5	633.8
	1980	378.6	222.5	27.6	64.0	406.2	286.5	692.7

1) Preliminary actual 1979, intentions 1980.

2) Capital expenditures on machinery and equipment include an estimate for capital items charged to operating expenses in the manufacturing, utilities and trade totals.

Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.4

Capital and Repair Investment by Sector, Canada and Ontario, 1974-1980¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
Canada								
Agriculture and fishing	1974	433.1	1,533.0	171.8	366.3	604.9	199.3	2,504.2
	1975	479.6	1,968.2	190.2	392.3	669.8	2,360.5	3,030.3
	1976	527.0	2,348.4	215.4	425.7	742.4	2,774.1	3,516.5
	1977	607.4	2,388.9	245.2	449.7	852.6	2,838.6	3,691.2
	1978 ⁱ	701.6	2,776.8	281.6	509.6	983.2	3,286.4	4,269.6
	1979 ^p	831.1	3,529.9	328.1	635.2	1,159.2	4,165.1	5,324.3
	1980	967.3	3,938.0	379.9	745.2	1,347.2	4,683.2	6,030.4
Forestry	1974	98.2	145.4	35.2	112.6	133.4	258.0	391.4
	1975	90.9	104.6	33.2	130.4	124.1	235.0	359.1
	1976	89.0	97.8	46.1	149.1	135.1	246.9	382.0
	1977	105.0	115.5	45.2	173.8	150.2	289.3	439.5
	1978 ⁱ	100.5	140.4	48.6	213.0	149.1	353.4	502.5
	1979 ^p	140.0	162.7	50.5	207.8	190.5	370.5	561.0
	1980	135.1	189.2	52.0	218.1	187.1	407.3	594.4
Mining, quarry and oil wells	1974	1,586.5	448.9	230.8	612.7	1,817.3	1,061.6	2,878.9
	1975	1,968.1	643.9	302.7	699.5	2,270.8	1,343.4	3,614.2
	1976	2,356.9	1,084.0	368.9	830.7	2,725.8	1,914.7	4,640.5
	1977	2,839.6	1,025.3	402.2	911.1	3,241.8	1,936.4	5,178.2
	1978 ⁱ	3,115.7	787.7	461.5	876.9	3,577.2	1,664.6	5,241.8
	1979 ^p	4,311.1	961.5	423.6	1,095.8	4,734.7	2,057.3	6,792.0
	1980	5,764.8	1,399.7	454.2	1,167.2	6,219.0	2,566.9	8,785.9
Construction industry	1974	66.0	401.0	15.9	354.1	81.9	755.5	837.4
	1975	80.2	488.2	19.4	430.4	99.6	918.6	1,018.2
	1976	121.3	637.6	16.8	487.0	138.1	1,124.6	1,262.7
	1977	131.2	689.1	18.2	526.4	149.4	1,215.5	1,364.9
	1978 ⁱ	139.9	734.9	19.5	561.2	159.4	1,296.1	1,455.5
	1979 ^p	155.3	815.7	24.2	623.1	179.5	1,438.8	1,618.3
	1980	170.1	894.1	23.5	682.9	193.6	1,577.0	1,770.6
Manufacturing	1974	1,425.3	3,524.6	344.4	1,965.8	1,769.7	5,490.4	7,260.1
	1975	1,568.5	3,952.9	381.0	2,064.1	1,949.5	6,017.0	7,966.5
	1976	1,439.7	4,025.6	438.2	2,453.2	1,877.9	6,478.8	8,356.7
	1977	1,658.9	4,421.8	530.5	2,685.3	2,189.4	7,107.1	9,296.5
	1978 ⁱ	1,543.7	4,634.5	557.2	3,038.4	2,100.9	7,672.9	9,773.8
	1979 ^p	1,663.6	5,656.8	609.4	3,285.3	2,273.0	8,942.1	11,215.1
	1980	1,820.1	7,252.6	676.4	3,542.3	2,496.5	10,749.9	13,291.4
Utilities	1974	3,153.8	3,086.8	617.4	1,384.8	3,771.2	4,471.6	8,242.8
	1975	4,402.9	3,629.9	697.4	1,531.6	5,100.3	5,161.5	10,261.8
	1976	4,425.8	3,828.4	800.1	1,780.0	5,225.9	5,616.4	10,842.3
	1977	5,073.4	4,114.5	904.5	2,043.8	5,977.9	6,158.3	12,136.2
	1978 ⁱ	5,625.6	4,899.9	993.6	2,399.0	6,619.2	7,298.9	13,918.1
	1979 ^p	6,099.8	5,783.5	1,095.2	2,583.7	7,195.0	8,367.2	15,562.2
	1980	6,802.6	6,165.8	1,202.4	2,818.8	8,005.0	8,984.6	16,989.6
Trade	1974	391.6	588.5	91.0	113.4	482.6	701.9	1,184.5
	1975	350.9	644.7	97.6	136.4	448.5	781.1	1,229.6
	1976	385.9	742.5	131.5	160.6	517.4	903.1	1,422.8
	1977	362.9	757.8	124.1	178.0	487.0	935.8	1,422.8
	1978 ⁱ	367.1	835.2	149.6	201.0	516.7	1,036.2	1,552.9
	1979 ^p	456.0	912.2	126.4	190.0	582.4	1,102.2	1,684.6
	1980	495.2	988.1	136.6	202.0	631.8	1,190.1	1,821.9

Table 21.4 (cont'd)Capital and Repair Investment by Sector, Canada and Ontario 1974-1980¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
Finance	1974	1,337.0	208.0	88.8	29.3	1,425.8	237.8	1,663.1
	1975	1,559.0	195.0	93.8	36.4	1,653.7	231.4	1,885.1
	1976	1,734.3	261.3	116.0	36.9	1,850.3	298.2	2,148.5
	1977	1,882.5	244.3	125.9	40.8	2,008.4	285.1	2,293.5
	1978 ^r	2,161.3	360.5	142.8	48.0	2,304.1	408.5	2,712.6
	1979 ^p	2,778.7	333.2	203.1	74.2	2,981.8	407.4	3,389.2
	1980	3,077.7	373.1	225.8	83.2	3,303.5	456.3	3,759.8
Commercial services	1974	455.4	1,348.7	37.3	149.8	492.7	1,498.5	1,991.2
	1975	857.2	1,608.1	39.5	187.2	896.7	1,795.3	2,692.0
	1976	604.1	1,541.9	44.5	234.2	648.6	1,776.1	2,424.7
	1977	359.5	1,727.6	51.4	255.0	410.9	1,982.6	2,393.5
	1978 ^r	396.6	2,206.2	73.1	297.4	469.7	2,503.6	2,973.3
	1979 ^p	491.4	2,782.3	61.4	287.2	552.8	3,069.5	3,622.3
	1980	566.4	3,225.8	67.1	310.1	633.5	3,535.9	4,169.4
Institutions	1974	1,063.5	274.6	154.9	43.6	1,218.4	318.2	1,536.2
	1975	1,190.6	293.4	163.8	60.3	1,354.4	353.7	1,708.1
	1976	1,167.8	317.3	187.6	68.4	1,355.4	385.7	1,741.1
	1977	1,179.7	334.5	238.3	74.4	1,418.0	408.9	1,826.9
	1978 ^r	1,180.6	361.7	247.0	96.6	1,427.6	458.3	1,885.9
	1979 ^p	1,378.2	372.9	275.8	99.3	1,654.0	472.2	2,126.2
	1980	1,492.1	389.0	305.6	105.2	1,797.7	494.2	2,291.9
Government departments	1974	3,750.6	551.2	681.3	137.5	4,431.9	688.7	5,120.6
	1975	4,391.8	632.8	725.8	166.6	5,117.6	799.4	5,917.0
	1976	4,439.7	607.4	802.9	156.7	5,242.6	764.1	6,006.7
	1977	4,865.3	648.0	927.0	158.0	5,792.3	806.0	6,598.3
	1978 ^r	5,128.8	710.0	974.4	176.4	6,103.2	886.4	6,989.6
	1979 ^p	5,683.6	659.5	1,031.9	213.3	6,715.5	872.8	7,588.3
	1980	5,975.6	725.0	1,085.6	221.1	7,061.2	946.1	8,007.3
Housing	1974	7,010.1	—	1,450.6	—	8,460.7	—	8,460.7
	1975	7,113.9	—	1,575.6	—	8,689.5	—	8,689.5
	1976	10,852.6	—	1,816.7	—	12,669.3	—	12,669.3
	1977	11,064.8	—	2,061.0	—	13,125.8	—	13,125.8
	1978 ^r	11,450.4	—	2,329.4	—	13,779.8	—	13,779.8
	1979 ^p	11,481.7	—	2,670.9	—	14,152.6	—	14,152.6
	1980	11,529.5	—	3,010.7	—	14,540.2	—	14,540.2
Total	1974	20,771.1	12,111.1	3,919.4	5,269.9	24,690.5	17,381.0	42,071.5
	1975	24,054.5	14,161.7	4,320.0	5,835.2	28,274.5	19,996.9	48,371.4
	1976	28,144.1	15,492.2	4,984.7	6,790.5	33,128.8	22,282.7	55,411.5
	1977	30,130.2	16,467.3	5,673.5	7,496.3	35,803.7	23,963.6	59,767.3
	1978 ^r	31,911.8	18,447.8	6,278.3	8,417.5	38,190.1	26,865.3	65,055.4
	1979 ^p	35,470.5	21,970.2	6,900.5	9,294.9	42,371.0	31,265.1	73,636.1
	1980	38,796.5	25,540.4	7,619.8	10,096.1	46,416.3	35,636.5	82,052.8

Table 21.4 (cont'd)

Capital and Repair Investment by Sector, Canada and Ontario, 1974-1980¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		Total
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	
\$ Million								
Ontario								
Agriculture and fishing	1974	129.5	365.8	71.2	81.5	200.7	447.3	648.0
	1975	136.5	443.6	75.0	86.8	211.5	530.4	741.9
	1976	164.0	488.7	90.1	94.3	254.1	583.0	837.1
	1977	184.3	528.9	101.3	99.5	285.6	628.4	914.0
	1978 ¹	209.7	583.2	115.3	110.8	325.0	694.0	1,019.0
	1979 ²	241.1	717.8	132.4	141.6	373.5	859.4	1,232.9
1980	274.0	796.9	150.5	166.9	424.5	963.8	1,388.3	
Forestry	1974	7.4	20.2	7.3	23.7	14.7	43.9	58.6
	1975	10.3	16.4	6.4	26.6	16.7	43.0	59.7
	1976	6.9	14.5	6.8	26.5	13.7	41.0	54.7
	1977	8.1	20.2	5.2	40.0	13.3	60.2	73.5
	1978 ¹	5.2	15.3	6.5	53.0	11.7	68.3	80.0
	1979 ²	8.3	25.5	4.8	52.9	13.1	78.4	91.5
1980	10.8	29.6	5.4	56.6	16.2	86.2	102.4	
Mining, quarrying and oil wells	1974	132.9	73.0	19.3	123.2	152.2	196.2	348.4
	1975	175.3	89.1	27.1	142.2	202.4	231.3	433.7
	1976	209.6	112.9	29.3	184.3	238.9	297.2	536.1
	1977	198.9	98.5	26.8	195.7	225.7	294.2	519.9
	1978 ¹	200.1	88.3	21.1	171.1	221.2	259.4	480.6
	1979 ²	294.9	118.1	23.7	170.0	318.6	288.1	606.7
1980	354.3	171.1	27.2	183.7	381.5	354.8	736.3	
Construction industry	1974	23.9	145.2	5.7	128.1	29.6	273.3	302.9
	1975	25.4	154.6	6.1	136.3	31.5	290.9	322.4
	1976	28.3	185.6	5.0	140.0	33.3	325.6	358.9
	1977	38.9	204.3	5.4	156.0	44.3	360.3	404.6
	1978 ¹	40.2	211.2	5.6	161.3	45.8	372.5	418.3
	1979 ²	42.3	222.1	8.5	169.7	50.8	391.8	442.6
1980	44.9	236.2	6.2	180.4	51.1	416.6	467.7	
Manufacturing	1974	569.6	1,682.6	168.5	958.8	738.1	2,641.4	3,379.5
	1975	737.6	2,122.9	169.2	1,031.5	906.8	3,154.4	4,061.2
	1976	830.4	2,185.8	204.2	1,223.4	1,034.6	3,409.2	4,443.8
	1977	950.4	2,409.0	238.2	1,377.0	1,188.6	3,786.0	4,974.6
	1978 ¹	803.0	2,282.8	238.7	1,529.8	1,041.7	3,812.6	4,854.3
	1979 ²	799.7	2,680.6	272.0	1,706.5	1,071.7	4,387.1	5,458.8
1980	900.8	3,952.9	300.6	1,852.0	1,201.4	5,804.9	7,006.3	
Utilities	1974	902.2	1,224.5	228.0	474.0	1,130.2	1,698.5	2,828.7
	1975	1,313.1	1,367.5	257.3	503.1	1,570.4	1,870.6	3,441.0
	1976	1,046.8	1,327.5	290.2	547.2	1,337.0	1,901.7	3,238.7
	1977	1,101.5	1,311.4	319.1	652.5	1,420.6	1,963.9	3,384.5
	1978 ¹	1,292.8	1,748.7	341.0	775.4	1,633.8	2,524.1	4,157.9
	1979 ²	1,298.9	1,968.6	336.6	842.4	1,665.5	2,811.0	4,476.5
1980	1,444.6	2,184.0	399.4	912.7	1,844.0	3,096.7	4,940.7	
Trade	1974	139.4	245.5	34.0	49.3	173.4	294.8	468.2
	1975	107.0	230.4	40.1	60.3	147.1	290.7	437.8
	1976	132.3	259.1	48.3	70.6	180.6	329.7	510.3
	1977	126.5	267.8	43.7	79.1	170.2	346.9	517.1
	1978 ¹	117.6	338.3	56.1	88.9	173.7	427.2	600.9
	1979 ²	118.1	348.2	45.5	83.8	163.6	432.0	595.6
1980	115.2	402.1	50.9	88.2	166.1	490.3	656.4	

Table 21.4 (cont'd)Capital and Repair Investment by Sector, Canada and Ontario, 1974-1980¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		Total
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	
\$ Million								
Finance	1974	610.1	101.6	41.2	13.2	651.3	114.8	766.1
	1975	648.3	83.7	41.0	16.9	689.3	100.6	789.9
	1976	653.9	92.5	50.1	15.1	704.0	107.6	811.6
	1977	658.6	97.2	49.3	16.9	707.9	114.1	822.0
	1978 ^r	729.2	157.7	51.6	18.3	780.8	176.0	956.8
	1979 ^p	888.8	131.6	69.1	25.8	957.9	157.4	1,115.3
	1980	1,006.3	146.3	77.6	28.7	1,083.9	175.0	1,258.9
Commercial services	1974	134.5	550.4	14.2	62.7	148.7	613.1	761.8
	1975	108.2	593.1	16.1	78.6	124.3	671.7	796.0
	1976	82.0	587.9	17.2	93.8	99.2	681.7	780.9
	1977	79.2	705.3	17.9	103.1	97.1	808.4	905.5
	1978 ^r	100.3	878.2	23.8	118.5	124.1	996.7	1,120.8
	1979 ^p	154.2	1,077.7	21.3	111.8	175.5	1,189.5	1,365.0
	1980	179.4	1,254.6	22.5	121.3	201.9	1,375.9	1,577.8
Institutions	1974	303.0	80.8	41.7	13.2	344.7	94.0	438.7
	1975	290.0	83.0	41.3	18.0	331.3	101.0	432.3
	1976	259.5	78.4	50.9	19.2	310.4	97.6	408.0
	1977	281.7	90.3	65.2	23.0	346.9	113.3	460.2
	1978 ^r	283.1	91.4	64.4	25.5	347.5	116.9	464.4
	1979 ^p	287.5	98.9	70.0	29.2	357.5	128.1	485.6
	1980	285.4	110.1	73.2	30.9	358.6	141.0	499.6
Government departments	1974	1,263.1	238.4	188.0	30.2	1,451.1	268.6	1,719.7
	1975	1,386.9	243.5	179.7	38.2	1,566.6	281.7	1,848.3
	1976	1,345.8	245.3	178.2	43.3	1,524.0	288.6	1,812.6
	1977	1,350.6	274.8	206.7	45.9	1,557.3	320.7	1,878.0
	1978 ^r	1,434.6	251.9	223.3	46.5	1,657.9	298.4	1,956.3
	1979 ^p	1,490.6	224.8	252.7	55.4	1,743.3	280.2	2,023.5
	1980	1,530.8	253.3	260.9	56.0	1,791.7	309.3	2,101.0
Housing	1974	2,872.1	-	594.2	-	3,466.3	-	3,466.3
	1975	2,553.9	-	636.7	-	3,190.6	-	3,190.6
	1976	3,610.5	-	725.5	-	4,336.0	-	4,336.0
	1977	3,745.8	-	810.2	-	4,556.0	-	4,556.0
	1978 ^r	3,698.6	-	917.8	-	4,616.4	-	4,616.4
	1979 ^p	3,588.6	-	1,058.9	-	4,647.5	-	4,647.5
	1980	3,548.7	-	1,191.0	-	4,739.7	-	4,739.7
Total	1974	7,087.7	4,728.0	1,413.3	1,957.9	8,501.0	6,685.9	15,186.9
	1975	7,492.5	5,427.8	1,496.0	2,138.5	8,988.5	7,566.3	16,554.8
	1976	8,370.0	5,578.2	1,695.8	2,484.7	10,065.8	8,796.4	19,409.9
	1977	8,724.5	6,007.7	1,889.0	2,788.7	10,613.5	8,796.4	19,409.9
	1978 ^r	8,914.4	6,647.0	2,065.2	3,099.1	10,979.6	9,746.1	20,725.7
	1979 ^p	9,213.0	7,613.9	2,325.5	3,389.1	11,538.5	11,003.0	22,541.5
	1980	9,695.2	9,537.1	2,565.4	3,677.4	12,260.6	13,214.5	25,475.1

¹ Preliminary actual 1979, intentions 1980.² Capital expenditures on machinery and equipment include an estimate for capital items charge to operating expenses in the manufacturing, utilities and trade totals.Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.5Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1974-1980¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		Total
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	
\$ Million								
St. John's	1974	2.8	7.7	0.3	1.3	3.1	9.0	12.1
	1975	2.6	7.4	0.4	1.9	3.0	9.3	12.3
	1976	1.1	3.1	0.4	2.4	1.5	5.5	7.0
	1977	3.0	4.9	0.6	3.2	3.6	8.1	11.7
	1978 ⁱ	2.5	6.2	0.6	3.4	3.1	9.6	12.7
	1979 ^p	2.6	4.4	0.8	3.5	3.4	7.9	11.3
	1980	1.7	5.7	0.9	3.5	2.6	9.2	11.8
Halifax	1974	12.6	9.6	3.3	3.2	15.9	12.8	28.7
	1975	17.6	13.4	4.9	4.1	22.5	17.5	40.0
	1976	10.0	8.1	4.1	4.2	14.1	12.3	26.4
	1977	9.4	8.4	5.2	4.8	14.6	13.2	27.8
	1978 ⁱ	12.4	8.6	5.1	4.5	17.5	13.1	30.6
	1979 ^p	17.9	25.4	8.9	6.3	26.8	31.7	58.5
	1980	17.5	18.5	8.9	6.5	26.4	25.0	51.4
Québec	1974	6.9	20.3	2.5	10.3	9.4	30.6	40.0
	1975	7.2	18.4	3.0	11.2	10.2	29.6	39.8
	1976	8.7	17.1	4.1	13.0	12.8	30.1	42.9
	1977	8.2	22.0	4.6	14.3	12.8	36.3	49.1
	1978 ⁱ	12.8	31.2	4.7	16.2	17.5	47.4	64.9
	1979 ^p	15.6	41.6	6.8	15.6	22.4	57.2	79.6
	1980	16.3	58.0	7.9	18.5	24.2	76.5	100.7
Montréal	1974	143.8	361.4	49.1	171.7	192.9	533.1	726.0
	1975	114.1	322.0	59.7	200.2	173.8	522.2	696.0
	1976	104.8	281.5	68.0	200.2	172.8	481.7	654.5
	1977	108.5	305.8	86.7	220.5	195.2	526.3	721.5
	1978 ⁱ	103.0	306.5	84.0	236.9	187.0	543.4	730.4
	1979 ^p	142.8	389.6	101.9	235.9	244.7	625.5	870.2
	1980	176.0	494.8	109.5	257.8	285.5	752.6	1,038.1
Ottawa-Hull	1974	4.6	24.5	2.7	16.4	7.3	40.9	48.2
	1975	1.5	22.3	2.1	14.7	3.6	37.0	40.6
	1976	1.5	30.3	2.2	20.2	3.7	50.5	54.2
	1977	5.9	40.2	2.7	22.6	8.6	62.8	71.4
	1978 ⁱ	9.6	36.2	3.4	28.0	13.0	64.2	77.2
	1979 ^p	7.3	47.9	4.3	28.2	11.6	76.1	87.7
	1980	12.4	71.6	4.9	30.5	17.3	102.1	119.4
Toronto	1974	150.2	474.0	44.9	174.0	195.1	648.0	843.1
	1975	127.5	473.9	48.2	196.9	175.7	670.8	846.5
	1976	141.2	451.3	56.6	230.0	197.8	681.3	879.1
	1977	183.3	574.2	66.1	248.2	249.4	822.4	1,071.8
	1978 ⁱ	151.9	596.3	67.5	268.4	219.4	864.7	1,084.1
	1979 ^p	179.5	742.3	76.0	268.5	255.5	1,010.8	1,266.3
	1980	272.7	929.9	83.8	294.8	356.5	1,224.7	1,581.2
Hamilton	1974	52.5	148.5	24.4	217.9	76.9	366.4	443.3
	1975	42.5	207.0	26.2	254.2	68.7	461.2	529.9
	1976	43.2	176.6	29.7	277.3	72.9	453.9	526.8
	1977	52.3	237.3	45.8	296.1	98.1	533.4	631.5
	1978 ⁱ	32.2	257.4	38.8	360.5	71.0	617.9	688.9
	1979 ^p	39.3	227.2	37.2	417.3	76.5	644.5	721.0
	1980	77.5	357.9	39.4	471.0	116.9	828.9	945.8

Table 21.5 (cont'd)Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1974-1980¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
London	1974	11.6	36.4	2.7	22.1	14.3	58.5	72.8
	1975	8.3	31.5	3.3	19.0	11.6	50.5	62.1
	1976	4.5	38.7	4.0	24.3	8.5	63.0	71.5
	1977	13.6	66.1	5.7	33.0	19.3	99.1	118.4
	1978 ⁱ	15.6	62.1	5.4	34.4	21.0	96.5	117.5
	1979 ^p	22.8	93.9	6.9	34.1	29.7	128.0	157.7
1980	34.6	122.7	7.3	35.7	41.9	158.4	200.3	
Windsor	1974	25.2	51.9	3.3	39.5	28.5	91.4	119.9
	1975	14.0	70.2	3.3	36.2	17.3	106.4	123.7
	1976	7.6	52.9	8.0	56.0	15.6	108.9	124.5
	1977	29.9	94.4	7.0	68.1	36.9	162.5	199.4
	1978 ⁱ	36.3	178.3	6.9	73.7	43.2	252.0	295.2
	1979 ^p	110.6	160.1	7.9	87.5	118.5	247.6	366.1
1980	106.6	761.0	8.0	77.3	114.6	838.3	952.9	
Winnipeg	1974	18.3	35.9	6.2	19.2	24.5	55.1	79.6
	1975	18.4	36.7	6.3	21.3	24.7	58.0	82.7
	1976	18.7	38.4	6.6	23.3	25.3	61.7	87.0
	1977	15.8	42.5	8.1	24.6	23.9	67.1	91.0
	1978 ⁱ	10.0	36.7	6.6	25.9	16.6	62.6	79.2
	1979 ^p	19.3	55.0	10.0	29.1	29.3	84.1	113.4
1980	28.6	65.7	9.7	30.7	38.3	96.4	134.7	
Calgary	1974	13.0	25.7	3.1	16.9	16.1	42.6	58.7
	1975	13.1	43.5	2.3	18.8	15.4	62.3	77.7
	1976	11.0	35.9	3.0	24.8	14.0	60.7	74.7
	1977	17.2	45.7	3.2	28.6	20.4	74.3	94.7
	1978 ⁱ	17.1	52.3	3.5	23.3	20.6	75.6	96.2
	1979 ^p	20.4	64.1	3.9	27.3	24.3	91.4	115.7
1980	16.0	64.0	4.6	28.5	20.6	92.5	113.1	
Edmonton	1974	89.0	86.2	9.1	26.6	98.1	112.8	210.9
	1975	46.3	67.3	20.2	37.8	66.5	105.1	171.6
	1976	21.6	72.6	18.3	40.6	39.9	113.2	153.1
	1977	59.3	150.6	17.8	43.9	77.1	194.5	271.6
	1978 ⁱ	99.5	256.6	16.7	49.2	116.2	305.8	422.0
	1979 ^p	73.9	265.6	23.1	60.4	97.0	326.0	423.0
1980	104.5	198.1	24.2	61.1	128.7	259.2	387.9	
Vancouver	1974	37.7	100.1	17.1	70.5	54.8	170.6	225.4
	1975	53.8	97.6	17.2	67.5	71.0	165.1	236.1
	1976	41.5	110.2	19.1	81.4	60.6	191.6	252.2
	1977	40.4	147.7	22.0	93.9	62.4	241.6	304.0
	1978 ⁱ	36.6	120.2	24.3	119.8	60.9	240.0	300.9
	1979 ^p	54.0	138.5	26.3	109.9	80.3	248.4	328.7
1980	76.7	150.2	28.5	116.3	105.2	266.5	371.7	
Victoria	1974	2.3	7.4	0.9	5.3	3.2	12.7	15.9
	1975	1.6	5.5	0.4	5.1	2.0	10.6	12.6
	1976	1.9	7.0	0.7	6.1	2.6	13.1	15.7
	1977	0.3	5.8	0.6	7.1	0.9	12.9	13.8
	1978 ⁱ	1.5	5.2	1.0	8.0	2.5	13.2	15.7
	1979 ^p	2.1	9.7	1.0	8.8	3.1	18.5	21.6
1980	1.1	8.9	1.0	6.7	2.1	15.6	17.7	

¹ Preliminary actual 1979; intentions 1980.² Capital expenditures on machinery and equipment include an estimate for capital items charged to operating expenses

Source: SC Private and Public Investment, (61-205)

	1978			1979			1979			1978			1979			Per Cent Change
	1978 ¹	\$ Million	Per Cent Change	1978 ¹	\$ Million	Per Cent Change	1978 ¹	\$ Million	Per Cent Change	1978 ¹	\$ Million	Per Cent Change	1978 ¹	\$ Million	Per Cent Change	
Primary Industries and Construction Industry	455.2	586.6	28.8	898.0	1,083.5	20.7	1,353.2	1,670.1	23.4							
	Capital Expenditures															
Manufacturing	803.0	799.7	-5	2,282.8	2,680.6	17.4	3,085.8	3,480.3	12.8							
Food and Beverages	60.6	63.5	4.8	177.9	222.3	25.0	238.5	285.8	19.8							
Rubber	6.8	16.3	139.7	61.6	90.1	46.3	68.4	106.4	55.6							
Textiles	8.6	6.9	-19.8	45.4	56.9	25.3	54.0	63.8	18.1							
Clothing	7.2	1.9	-73.6	5.6	5.3	-5.4	12.8	7.2	-43.8							
Knitting Mills	0.3	0.8	166.7	3.2	5.4	68.9	3.5	6.2	77.1							
Wood	10.2	11.5	12.7	27.2	34.1	25.4	37.4	45.6	21.9							
Furniture & Fixtures	2.2	2.1	-4.5	5.4	8.3	53.7	7.6	10.4	36.8							
Paper & Allied Industries	15.1	16.9	11.9	107.5	182.6	69.9	122.6	199.5	62.7							
Printing, Publishing and Allied Industries	10.9	16.7	53.2	56.9	68.0	19.5	67.8	84.7	24.9							
Primary Metal	93.3	91.7	-1.7	349.2	394.6	13.0	442.5	486.3	9.9							
Metal Fabricating	25.4	40.1	57.9	110.6	145.6	31.6	136.0	185.7	36.5							
Machinery	21.2	26.0	22.6	65.1	88.9	36.6	86.3	114.9	33.1							
Transportation Equipment	52.2	186.9	258.0	297.5	368.2	23.8	349.7	555.1	58.7							
Electrical Products	8.9	11.2	25.8	78.1	101.4	29.8	87.0	112.6	29.4							
Non- Metallic Mineral Prod.	31.4	53.3	69.7	116.8	109.7	-6.1	148.2	163.0	10.0							
Petroleum & Coal Products	132.5	29.8	-77.5	52.7	14.1	-73.2	185.2	43.9	-76.3							
Chemicals & Chem. Products	298.8	204.8	-31.5	333.7	331.9	-5	632.5	536.7	-15.1							
Other	17.4	19.3	10.9	388.4	453.2	16.7	405.8	472.5	16.4							
Utilities	1,292.8	1,298.9	.5	1,748.7	1,968.6	12.6	3,041.5	3,267.5	7.4							
Trade, Finance and Commercial Services	947.1	1,161.1	22.6	1,374.2	1,557.5	13.3	2,321.3	2,718.6	17.1							
Housing	3,698.6	3,588.6	-3.0	-	-	-	3,698.6	3,588.6	-3.0							
Institutions and Government Departments	1,717.7	1,778.1	3.5	343.3	323.7	-5.7	2,061.0	2,101.8	2.0							
Total Private and Public Investment in Ontario	8,914.4	9,213.0	3.3	6,647.0	7,613.9	14.5	15,561.4	16,826.9	8.1							

¹) Preliminary actual expenditures for 1979.
Source: SC Private and Public Investment, (61-205).

Table 21.7Total Value of Building Construction by Type of Structure, Ontario, 1952-1978¹

	Total Building Construction	Residential	Industrial	Commercial	Institutional	Other Building Construction
	\$'000's					
1952	928,813	396,985	229,739	160,639	105,895	35,555
1953	1,093,983	511,206	200,209	196,506	109,803	76,259
1954	1,216,568	623,094	190,365	214,974	127,048	61,087
1955	1,380,174	754,154	182,923	210,127	158,194	74,776
1956	1,498,383	735,203	288,159	224,180	152,927	97,914
1957	1,562,669	738,706	300,092	276,126	159,499	88,246
1958	1,637,677	909,728	173,116	285,082	192,162	77,589
1959	1,603,391	857,286	175,296	276,829	208,183	85,797
1960	1,538,444	745,428	198,242	272,819	217,762	104,193
1961	1,529,821	756,399	168,936	266,517	217,979	119,990
1962	1,604,075	721,666	195,094	263,230	304,908	119,177
1963	1,737,892	792,630	226,784	262,989	350,454	105,035
1964	1,918,422	980,436	266,381	317,640	264,052	89,913
1965	2,299,263	1,119,926	334,737	383,349	363,310	97,941
1966	2,617,912	1,155,534	478,147	449,916	430,259	104,056
1967	2,759,162	1,252,985	410,887	491,345	487,617	116,328
1968	2,962,615	1,484,984	322,086	462,903	583,497	109,145
1969	3,247,321	1,751,751	363,538	469,356	542,241	120,435
1970	3,424,377	1,629,204	511,188	588,963	530,398	164,624
1971	3,749,822	2,023,245	351,154	651,381	546,068	177,974
1972	4,237,394	2,458,371	375,369	728,230	480,185	195,239
1973	5,029,428	3,062,253	471,478	900,460	403,134	192,103
1974	5,904,100	3,466,233	649,940	1,151,070	401,211	235,646
1975	5,757,247	3,190,683	654,649	1,218,892	418,394	274,629
1976	6,783,354	4,336,034	633,599	1,086,840	411,184	315,697
1977 ^r	7,078,460	4,555,992	717,914	1,090,548	410,489	303,517
1978	7,423,049	4,963,763	648,208	1,070,494	390,702	349,882

1) Intentions, 1978.

Source: SC, *Construction in Canada*.

Table 21.8**Total Value of Engineering Construction by Type of Structure, Ontario, 1952–1978¹**

	Total Engineering Con- struction	Road, Highway, and Aerodrome Con- struction	Waterworks and Sewage Systems	Dams and Irrigation	Electric Power Con- struction	Railway, Telephone, and Telegraph	Gas and Oil Facilities	Marine Con- struction	Other Engineering Con- struction
	\$'000's								
1952	547,555	192,519 ²	47,716	4,460	140,368	84,849	51,435	14,103	12,105
1953	540,254	130,812	52,266	3,538	141,917	86,799	45,568	13,130	66,224
1954	531,490	144,491	57,527	5,032	127,879	94,583	30,232	21,250	50,496
1955	542,915	168,584	57,723	5,656	104,730	114,077	25,469	17,839	48,837
1956	700,304	176,724	71,664	7,575	164,974	120,713	50,271	25,986	82,397
1957	975,048	203,400	82,474	5,853	197,600	131,921	208,396	43,898	101,506
1958	990,976	216,104	76,046	6,419	155,613	138,007	254,872	62,699	81,216
1959	815,290	247,246	86,863	4,659	130,782	140,598	86,347	31,170	87,625
1960	816,184	251,930	99,521	4,989	118,422	143,053	69,104	25,426	103,739
1961	799,059	210,419	89,489	4,645	112,087	131,408	71,382	23,175	156,454
1962	823,086	239,852	89,332	5,193	122,671	132,684	99,677	14,768	118,909
1963	884,420	253,560	111,443	11,329	114,861	141,430	101,632	11,413	138,752
1964	893,146	235,167	112,049	13,397	117,070	128,770	92,375	17,731	176,587
1965	951,237	296,360	122,137	11,885	145,270	130,008	71,173	33,939	140,465
1966	1,196,472	362,573	170,687	21,252	172,927	164,682	111,406	36,096	156,849
1967	1,229,017	387,959	150,653	12,879	197,922	147,140	123,452	24,863	184,149
1968	1,346,819	399,493	169,023	10,278	253,542	172,030	137,472	31,380	173,601
1969	1,395,900	388,735	154,092	20,239	309,897	179,971	102,509	32,080	208,377
1970	1,560,492	389,944	207,915	16,298	353,096	199,388	105,046	25,328	263,477
1971	1,847,082	450,164	242,620	20,245	358,919	214,223	133,456	25,789	401,666
1972	2,038,419	457,272	291,753	25,754	368,431	230,516	157,716	38,282	468,695
1973	2,106,529	493,202	319,095	26,385	391,359	273,461	188,562	25,799	388,666
1974	2,597,178	583,759	456,148	34,651	469,739	371,610	220,423	32,019	428,829
1975	3,232,152	634,445	518,741	39,690	737,175	339,648	348,318	33,153	580,982
1976	3,282,600	604,501	563,098	39,143	588,752	397,247	291,647	38,170	760,042
1977 ¹	3,535,175	706,855	590,902	38,592	653,724	437,642	324,981	68,655	713,824
1978	3,637,628	640,698	543,712	39,696	846,887	555,470	220,939	64,186	726,040

1) Intentions, 1978.

2) Includes bridges.

Source: SC, *Construction in Canada*.

Table 21.9

Value of Construction Work Performed, Total and Contract, Labour Content and Cost of Materials Used, Ontario, 1956-1979¹

	Total Construction				Contract Construction Only			
	Labour Content		Cost of Materials Used	Value of Work Performed	Labour Content		Cost of Materials Used	Value of Work Performed
	Number	Value			Number	Value		
			\$'000's				\$'000's	
1956	197,910	741,549	1,076,957	2,198,687	131,909	517,644	846,912	1,669,514
1957	210,492	858,281	1,212,620	2,537,717	142,498	607,746	960,262	1,965,776
1958	216,479	906,990	1,217,912	2,628,653	146,167	645,930	987,518	2,074,967
1959	197,605	854,189	1,143,098	2,418,681	132,671	593,768	891,220	1,843,680
1960	187,424	848,479	1,113,895	2,354,628	121,967	582,976	901,573	1,811,648
1961	175,232	812,923	1,093,342	2,328,880	122,803	587,048	888,773	1,835,335
1962	175,266	845,953	1,166,323	2,427,161	129,099	626,990	967,583	1,944,831
1963	174,415	898,430	1,263,594	2,622,312	129,093	679,182	1,055,812	2,125,432
1964	176,261	953,009	1,384,359	2,811,568	131,780	727,085	1,177,576	2,307,215
1965	193,936	1,129,635	1,592,766	3,250,500	141,994	847,078	1,332,556	2,645,441
1966	204,368	1,305,993	1,767,955	3,814,384	156,750	1,023,714	1,501,754	3,172,015
1967	206,505	1,397,522	1,781,571	3,988,179	158,441	1,095,022	1,487,692	3,282,437
1968	216,225	1,570,875	1,969,168	4,309,434	162,013	1,202,957	1,624,208	3,469,777
1969	207,998	1,650,972	2,119,482	4,643,221	159,956	1,292,284	1,722,018	3,742,363
1970	206,616	1,857,515	2,132,375	4,984,869	157,724	1,445,088	1,782,313	4,020,069
1971	206,856	2,092,294	2,270,153	5,596,904	161,293	1,659,825	1,871,515	4,560,418
1972	198,933	2,259,346	2,498,628	6,275,813	158,983	1,836,584	2,115,470	5,153,906
1973	237,103	2,681,124	2,844,763	7,135,957	192,507	2,179,740	2,358,291	5,840,929
1974	229,975	3,029,778	3,396,620	8,501,278	184,492	2,474,262	2,817,116	6,969,667
1975	217,335	3,183,499	3,567,106	8,989,399	173,963	2,587,166	2,897,909	7,264,581
1976	222,004	3,605,275	3,784,763	10,065,954	184,094	3,029,879	3,178,166	8,485,000
1977 ¹	205,662	3,695,312	4,053,774	10,613,635	166,605	3,036,554	3,393,503	8,804,748
1978 ^p	199,582	3,794,755	4,158,164	10,914,529	160,607	3,098,368	3,457,073	8,978,833
1979	200,166	4,077,193	4,486,993	11,758,316	161,040	3,327,844	3,730,962	9,673,566

1) Preliminary estimate, 1978, intentions, 1979.

Source: SC, Construction Division.
Construction in Canada.

Table 21.10**Total Value of Construction Work Performed, Ontario, 1952-1979¹**

	New	Repair	Total
	\$'000's		
1952	1,155,061	321,307	1,476,368
1953	1,305,046	329,191	1,634,237
1954	1,365,623	382,435	1,748,058
1955	1,541,853	381,236	1,923,089
1956	1,824,614	374,073	2,198,687
1957	2,096,995	440,722	2,537,717
1958	2,174,654	453,999	2,628,653
1959	1,931,021	487,660	2,418,681
1960	1,849,164	505,464	2,354,628
1961	1,828,322	500,558	2,328,880
1962	1,914,566	512,595	2,427,161
1963	2,090,561	531,751	2,622,312
1964	2,234,826	576,742	2,811,568
1965	2,611,390	639,110	3,250,500
1966	3,115,669	698,715	3,814,384
1967	3,231,661	756,518	3,988,179
1968	3,484,595	824,839	4,309,434
1969	3,825,351	817,870	4,643,221
1970	4,127,045	857,824	4,984,869
1971	4,661,922	934,982	5,596,904
1972	5,253,096	1,022,717	6,275,813
1973	5,981,483	1,154,474	7,135,957
1974	7,087,533	1,413,745	8,501,278
1975	7,493,166	1,496,233	8,989,399
1976	8,370,048	1,695,906	10,065,954
1977 ¹	8,724,291	1,889,344	10,613,635
1978 ^p	8,863,600	2,050,900	10,914,500
1979	9,530,700	2,240,200	11,770,900

1) Preliminary actual, 1978; intentions, 1979.

Source: SC, *Construction in Canada*.

Table 21.11

Number and Value of Building Permits Issued, by Province, Canada, 1979

	Number of Dwelling Units						Total
	Single Dwellings	Cottages	Double Dwellings	Row Housing	Units Apartments	Conversions	
Canada	102,227	2,164	15,828	11,521	54,251	2,146	188,137
Ontario	25,968	824	7,475	4,790	15,173	448	54,678
Newfoundland	1,325	3	121	53	163	24	1,689
Prince Edward Island	1,029	126	52	10	282	9	1,508
Nova Scotia	4,049	263	118	67	917	126	5,540
New Brunswick	2,291	5	16	-	226	66	2,604
Québec	21,339	644	3,513	816	13,464	1,032	40,808
Manitoba	2,173	67	182	60	1,266	16	3,764
Saskatchewan	4,788	19	355	217	3,939	40	9,358
Alberta	21,265	80	3,221	3,966	10,451	42	39,025
British Columbia	17,717	92	767	1,512	8,322	340	28,750
Yukon	228	41	8	30	48	3	358
Northwest Territories	55	-	-	-	-	-	55

Table 21.11 (cont'd)

	Estimated Value of Construction				Total
	Residential	Industrial	Commercial	Institutional and Government	
	\$'000's				
Canada	7,767,074	1,315,545	3,727,162	1,334,162	14,143,943
Ontario	2,373,495	576,432	1,032,055	344,490	4,326,472
Newfoundland	66,823	5,981	45,075	8,110	125,989
Prince Edward Island	48,976	8,032	14,745	7,011	78,764
Nova Scotia	192,593	22,990	107,587	41,693	364,863
New Brunswick	99,256	26,659	59,296	65,234	250,445
Québec	1,435,830	293,458	493,903	240,653	2,463,844
Manitoba	149,546	25,210	118,054	46,653	339,463
Saskatchewan	368,824	17,602	208,698	72,167	667,291
Alberta	1,805,956	149,717	1,107,922	290,971	3,354,566
British Columbia	1,206,715	186,142	529,644	211,726	2,134,227
Yukon	16,333	2,541	8,614	3,262	30,750
Northwest Territories	2,727	781	1,569	2,192	7,269

Source: SC, *Building Permits*, (64-203)

Table 21.12

Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966-1979

	Residential Units						Total	Estimated Value
	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions		
	Number of Units							
								\$'000's
1966								
Canada	61,958	..	12,359	..	58,062	2,136	134,515	1,592,001
Ontario	27,766	..	3,368	..	29,199	577	60,910	728,037
1967								
Canada	65,411	..	13,867	..	81,914	2,257	163,479	1,923,644
Ontario	28,937	..	4,321	..	38,552	633	72,443	888,712
1968								
Canada	70,136	..	14,320	..	117,763	2,624	204,843	2,405,632
Ontario	31,973	..	5,227	..	51,146	743	89,089	1,123,191
1969								
Canada	65,765	..	11,702	..	114,942	2,581	194,990	2,429,190
Ontario	31,237	..	4,711	..	44,220	763	80,931	1,114,578
1970								
Canada	60,119	..	11,790	..	104,295	2,425	178,629	2,311,563
Ontario	23,640	..	4,776	..	49,008	707	78,131	1,079,037
1971								
Canada	84,055	2,708	16,657	... ¹	124,648 ¹	2,337	230,405	3,203,063
Ontario	31,128	2,116	8,190	... ¹	54,833 ¹	634	96,901	1,455,512
1972								
Canada	96,489	2,606	15,919	16,623	110,364	2,056	244,057	3,638,411
Ontario	35,724	2,047	8,515	9,218	49,124	576	105,204	1,714,080
1973								
Canada	112,428	2,644	14,185	16,067	123,861	2,047	271,232	4,763,082
Ontario	39,079	2,087	8,032	11,509	62,530	501	123,738	2,366,024
1974								
Canada	102,064	2,820	11,731	13,944	66,314	1,998	198,871	4,575,710
Ontario	31,384	2,015	5,900	9,291	33,223	529	82,342	2,002,203
1975								
Canada	118,635	2,592	16,725	19,460	80,798	1,460	239,670	6,128,940
Ontario	35,707	1,504	9,493	11,590	32,622	382	91,298	2,462,399
1976								
Canada	123,900	2,962	16,386	27,726	89,790	1,629	262,393	7,475,815
Ontario	32,321	1,164	8,861	16,023	25,218	408	83,995	2,563,363
1977								
Canada	106,768	2,958	19,782	24,307	97,853	1,971	253,639	7,612,531
Ontario	28,341	1,170	10,181	11,531	28,544	485	80,252	2,609,365
1978								
Canada	105,357	2,517	18,469	17,263	72,086	1,844	217,536	7,566,670
Ontario	26,536	1,012	8,233	8,681	25,214	402	70,078	2,496,117
1979								
Canada	102,227	2,164	15,828	11,521	54,251	2,146	188,137	7,767,074
Ontario	25,968	824	7,475	4,790	15,173	448	54,678	2,373,499

Table 21.12 (cont'd)

Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966-1979

	Non-Residential Units				Estimated Value			
	Industrial	Commercial	Institutional and Government	Total	Industrial	Commercial	Institutional and Government	Total
	Number of Units				\$'000's			
1966								
Canada	..	..	..	..	473,661	736,726	912,702	2,123,089
Ontario	..	..	..	..	281,534	330,479	452,802	1,064,815
1967								
Canada	..	..	..	..	424,947	677,001	1,042,241	2,144,189
Ontario	..	..	..	..	200,868	280,856	515,514	997,238
1968								
Canada	..	..	..	..	530,670	696,203	1,143,210	2,370,083
Ontario	..	..	..	..	183,294	294,108	550,900	1,028,302
1969								
Canada	..	..	..	..	567,048	839,155	1,060,158	2,466,361
Ontario	..	..	..	..	297,807	382,683	507,290	1,187,780
1970								
Canada	..	..	..	..	497,682	807,374	1,083,540	2,388,596
Ontario	..	..	..	..	230,560	414,513	578,223	1,223,296
1971								
Canada	..	..	..	..	470,924	1,069,785	996,355	2,537,064
Ontario	..	..	..	..	196,882	488,607	459,263	1,144,752
1972								
Canada	..	..	..	..	520,479	1,411,599	893,119	2,825,197
Ontario	..	..	..	..	278,890	564,472	430,965	1,274,327
1973								
Canada	14,223	39,082	5,706	59,011	853,754	1,970,340	971,762	3,795,856
Ontario	8,029	15,063	2,161	25,253	428,004	849,323	377,689	1,655,016
1974								
Canada	14,910	38,357	5,940	59,207	1,315,898	2,292,665	1,095,802	4,704,365
Ontario	8,465	14,368	2,603	25,436	533,896	905,229	385,367	1,824,492
1975								
Canada	15,074	41,023	6,221	62,318	875,826	2,251,483	1,341,786	4,469,095
Ontario	8,133	17,114	2,500	27,747	434,829	918,508	493,205	1,846,542
1976								
Canada	15,696	43,550	5,825	65,071	1,010,015	2,545,513	1,167,988	4,723,516
Ontario	7,572	16,511	2,292	26,375	473,498	685,839	351,622	1,510,959
1977								
Canada	16,967	44,906	5,927	67,800	1,011,957	2,444,382	1,350,940	4,807,279
Ontario	7,870	16,497	2,317	26,684	443,756	711,253	410,783	1,565,792
1978								
Canada	18,906	49,628	6,661	75,195	1,053,590	3,140,478	1,373,956	5,568,024
Ontario	9,722	18,764	2,780	31,266	471,537	973,359	300,312	1,745,208
1979								
Canada	18,943	54,344	7,327	80,614	1,315,545	3,727,162	1,334,162	6,376,869
Ontario	9,586	19,217	2,713	31,516	576,432	1,032,055	344,490	1,952,977

1) Row housing is included with Apartments.

Source: SC, *Building Permits*, (64-203).

Table 21.13

Dwelling Starts, Completions and Under Construction, Canada and Ontario, 1950–1979

	Starts		Completions		Under Construction	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	92,531	33,430	89,075	31,318	60,538	24,331
1951	68,579	27,349	81,310	31,732	45,926	19,258
1952	83,246	30,016	73,087	27,461	55,689	20,513
1953	102,409	38,873	96,839	35,173	59,923	24,134
1954	113,527	46,382	101,965	41,085	68,641	27,941
1955	138,276	53,456	127,929	51,612	79,339	29,794
1956	127,311	48,712	135,700	51,201	68,579	26,232
1957	122,340	47,739	117,283	45,087	72,573	29,782
1958	164,632	63,753	146,686	59,551	88,162	33,414
1959	141,345	54,158	145,671	54,281	81,905	32,827
1960	108,858	42,282	123,757	46,982	65,773	28,335
1961	125,577	48,144	115,608	43,754	73,583	31,936
1962	130,095	44,306	126,682	47,287	76,153	28,932
1963	148,624	55,957	128,191	43,400	96,613	41,401
1964	165,658	65,617	150,963	57,739	107,718	48,835
1965	166,565	66,767	153,037	56,568	119,854	58,172
1966	134,474	52,355	162,192	68,407	88,621	39,478
1967	164,123	68,121	149,242	58,278	102,716	48,816
1968	196,878	80,375	170,993	68,003	126,638	60,035
1969	210,415	81,446	195,826	80,236	137,357	60,615
1970	190,528	76,675	175,827	69,331	148,185	66,912
1971	233,653	89,980	201,232	74,149	177,257	82,465
1972	249,914	102,933	232,227	96,438	188,630	87,358
1973	268,529	110,536	246,581	98,262	207,236	98,566
1974	222,123	85,503	257,243	104,360	168,406	78,517
1975	231,456	79,968	216,964	81,865	176,599	75,690
1976	273,203	84,682	236,249	80,302	204,286	78,359
1977	245,724	79,130	251,789	80,717	185,599	75,518
1978	227,667	71,710	246,553	80,429	164,702	66,106
1979	197,049	56,887	226,489	76,570	128,601	44,851

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.14
Dwelling Starts by Type, Canada and Ontario, 1959-1979

	Single-Detached		Semi-Detached and Duplex		Row		Apartment and Other	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
1959	92,178	34,694	10,468	3,371	1,908	482	36,791	15,611
1960	67,171	23,979	9,699	2,963	2,301	920	29,687	14,420
1961	76,430	26,227	11,650	3,962	1,864	664	35,633	17,291
1962	74,443	23,386	10,975	3,222	3,742	1,285	40,935	16,413
1963	77,158	27,000	7,891	4,265	3,895	2,300	59,680	22,392
1964	77,079	27,880	8,706	3,827	4,755	2,833	75,118	31,077
1965	75,441	26,572	7,924	3,006	5,306	3,802	77,894	33,387
1966	70,642	26,229	7,281	3,275	5,000	3,927	51,551	18,924
1967	72,534	26,595	9,939	3,914	7,392	4,952	74,258	32,660
1968	75,339	29,582	10,114	4,598	8,042	5,480	103,383	40,715
1969	78,404	30,556	10,373	4,928	10,721	5,915	110,917	40,047
1970	70,749	21,577	10,826	4,624	17,055	8,130	91,898	42,344
1971	98,056	31,088	13,751	7,395	15,659	7,602	106,187	43,895
1972	115,570	37,932	13,649	8,237	16,980	8,811	103,715	47,953
1973	131,552	42,751	13,235	7,950	17,291	11,977	106,451	47,858
1974	122,143	33,886	11,023	6,058	14,932	9,518	74,025	36,041
1975	123,929	33,669	15,403	8,543	21,763	12,212	70,361	25,544
1976	134,313	32,252	15,890	8,502	33,676	17,918	89,324	26,010
1977	108,403	27,899	18,373	10,364	26,621	13,782	92,327	27,085
1978	110,029	27,949	19,932	8,607	20,379	9,073	77,327	26,081
1979	109,117	28,261	16,296	7,899	13,249	5,745	58,387	14,982

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.15
Dwelling Starts by Type, by Census Metropolitan Area¹, Ontario, 1970–1979

	Hamilton	Kit- chener	London	Oshawa ²	Ottawa, city of	St. Cath- arines- Niagara	Sudbury	Thunder Bay	Toronto	Windsor
Single-Detached										
1970	997	849	774	363	1,288	994	995	285	3,566	719
1971	2,155	1,323	1,339	578	1,613	1,465	1,268	275	6,972	853
1972	2,820	1,772	1,950	1,015	1,657	1,831	591	403	9,101	1,089
1973	2,862	1,593	1,770	812	1,491	2,098	515	598	8,039	1,017
1974	2,155	1,347	1,249	356	784	1,807	374	623	6,110	1,210
1975	1,890	1,764	1,574	568	996	1,777	687	491	7,338	887
1976	1,471	1,891	1,235	801	1,098	1,978	718	590	6,216	1,071
1977	1,624	1,345	1,389	842	1,153	1,295	678	670	5,472	896
1978	1,219	1,127	1,453	955	1,165	965	336	584	6,257	1,035
1979	1,400	1,181	1,304	632	1,476	724	439	424	7,420	1,227
Semi-Detached and Duplex										
1970	175	216	172	422	276	149	132	157	2,250	108
1971	260	488	257	381	364	190	226	129	3,670	132
1972	434	362	147	122	146	268	85	149	5,484	212
1973	480	454	84	346	319	403	32	65	3,857	178
1974	286	384	146	222	522	408	28	68	2,552	158
1975	447	343	375	503	601	742	90	20	3,598	28
1976	367	282	234	792	654	518	184	66	3,205	54
1977	810	369	274	458	1,144	502	290	152	4,086	26
1978	846	494	578	651	1,242	276	48	167	2,900	8
1979	405	152	210	86	751	116	68	76	4,867	–
Row										
1970	727	550	546	66	1,079	256	217	24	2,689	373
1971	750	620	641	–	1,180	45	242	35	2,577	500
1972	959	434	591	53	1,339	225	147	87	3,537	340
1973	868	569	473	296	1,883	480	91	21	5,927	99
1974	822	795	724	429	1,016	374	–	48	4,071	24
1975	1,695	624	710	761	1,297	422	–	73	4,744	62
1976	1,613	917	1,128	872	2,692	543	–	283	7,462	35
1977	809	612	664	684	2,506	116	152	245	6,081	37
1978	46	252	436	354	2,726	66	–	40	4,401	25
1979	80	119	191	190	995	–	–	54	3,070	426
Apartment and Other										
1970	2,646	1,460	1,246	451	5,561	411	617	256	23,918	756
1971	2,243	1,474	2,955	612	5,446	1,114	2,025	76	21,990	729
1972	4,108	2,781	2,756	642	7,666	1,895	862	500	20,573	1,342
1973	4,498	2,438	1,545	367	8,258	956	295	671	19,874	739
1974	2,705	1,559	1,192	582	5,005	644	47	135	16,847	1,210
1975	2,688	649	1,124	544	1,228	254	145	335	10,777	666
1976	2,039	836	721	1,035	673	1,128	156	552	9,672	842
1977	713	1,140	1,646	688	2,162	428	145	553	12,279	860
1978	420	201	2,352	223	1,880	1,076	128	342	12,493	1,443
1979	–	677	1,123	211	1,120	325	152	123	6,022	1,061

¹ Data for 1970–1971 on 1966 Census Area definitions. Data for 1972–76 on 1971 Census definition. Subsequent data on 1976 Census definition.

² Oshawa became a CMA in 1976.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.16
Dwelling Starts Financed by NHA and Other, by Census Metropolitan Area¹, Ontario, 1977-1979

	1977					1978					1979				
	Units					Units					Units				
	Single-Detached	Semi-Detached Duplex	Row	Other	Total	Single-Detached	Semi-Detached Duplex	Row	Other	Total	Single-Detached	Semi-Detached Duplex	Row	Other	Total
Financed by NHA															
Hamilton ²	492	582	689	427	2,190	126	289	-	108	523	98	98	-	-	196
Kitchener	272	185	510	759	1,726	184	254	131	-	569	133	94	91	421	739
London	232	168	440	1,544	2,384	137	276	288	1,231	1,932	91	36	70	861	1,058
Ottawa, city of	207	552	2,321	1,945	5,025	123	862	1,859	1,880	4,724	399	488	800	1,120	2,807
St. Catharines-Niagara	374	422	80	299	1,175	133	181	-	819	1,133	134	40	-	272	446
Sudbury	172	242	152	145	711	54	30	-	124	208	16	46	-	152	214
Thunder Bay	162	80	245	521	1,008	65	109	40	246	460	24	10	54	86	174
Toronto ²	627	596	4,609	10,850	16,682	731	560	3,141	12,045	16,477	669	724	1,031	4,869	7,293
Windsor	287	18	26	686	1,017	172	-	15	1,134	1,321	230	-	344	543	1,117
Oshawa	430	370	684	621	2,105	152	541	354	138	1,185	118	29	-	167	314
Other than Those Financed by NHA															
Hamilton ²	1,132	228	120	286	1,766	1,093	557	46	312	2,008	1,302	307	80	-	1,689
Kitchener	1,073	184	102	381	1,740	943	240	121	201	1,505	1,048	58	28	256	1,390
London	1,157	106	224	102	1,589	1,316	302	148	1,121	2,887	1,213	174	121	262	1,770
Ottawa, city of	946	592	185	217	1,940	1,042	380	867	-	2,289	1,077	263	195	-	1,535
St. Catharines-Niagara	921	80	36	129	1,166	832	95	66	257	1,250	590	76	-	53	719
Sudbury	506	48	-	-	554	282	18	-	4	304	423	22	-	-	445
Thunder Bay	508	72	-	32	612	519	58	-	96	673	400	66	-	37	503
Toronto ²	4,845	3,490	14,722	14,429	11,236	5,526	2,340	1,260	448	9,574	6,751	4,143	2,039	1,153	14,086
Windsor	609	8	11	174	802	863	8	10	309	1,190	997	-	82	518	1,597
Oshawa	412	88	-	67	567	803	110	-	85	998	514	57	190	44	805

¹ Data for 1976 and 1971 Census Area definitions. 1977 and 1978 data on 1976 Census definition.

² Data for 1974 based on formation of new regional municipalities effective January 1, 1974.

Source: Canada Mortgage and Housing Corporation, Ontario Regional Office.

Table 21.17
Dwelling Starts by Type of Financing, Canada and Provinces, 1978-1979

	NHA Financed Canada Mortgage and Housing							
	Non-NHA Financed		Non-Profit Housing Assistance		Federal- Provincial		Other	
	1978	1979	1978	1979	1978	1979	1978	1979
Dwelling Units								
Canada	140,653	148,346	11,314	6,986	2,857	2,845	554	192
Ontario	35,856	39,278	5,123	2,010	245	58	6	56
Newfoundland	1,934	2,509	70	-	451	309	40	20
Prince Edward Island	870	846	-	-	66	-	20	-
Nova Scotia	2,878	3,024	45	109	575	785	42	-
New Brunswick	3,887	4,390	50	10	293	56	58	4
Quebec	27,348	30,658	3,400	4,173	-	-	99	74
Manitoba	5,445	3,774	1,097	361	104	24	2	6
Saskatchewan	5,783	7,990	-	-	1,004	1,567	26	1
Alberta	36,839	34,142	715	237	-	29	178	18
British Columbia	19,813	21,735	849	86	119	17	83	13

Table 21.17 (cont'd)

	NHA Financed Approved Lenders							
	Rental Section		Home Ownership		Other ¹		Grand Total	
	1978	1979	1978	1979	1978	1979	1978	1979
Dwelling Units								
Canada	30,764	17,272	13,486	3,794	28,004	17,614	227,667	197,049
Ontario	15,568	7,698	4,508	268	10,404	7,519	71,710	56,887
Newfoundland	124	96	82	6	164	59	2,865	2,999
Prince Edward Island	46	98	-	110	208	14	1,210	1,068
Nova Scotia	438	108	382	170	493	342	4,853	4,538
New Brunswick	293	81	90	87	496	393	5,167	5,021
Quebec	4,126	770	4,485	2,332	4,213	3,723	43,671	41,730
Manitoba	2,864	503	956	212	1,653	892	12,121	5,772
Saskatchewan	1,286	1,418	342	77	1,086	689	9,527	11,742
Alberta	2,819	2,692	666	338	6,708	2,491	47,925	39,947
British Columbia	3,200	3,808	1,975	194	2,579	1,492	28,618	27,345

¹⁾ Includes Non-profit and Public and Private Initiated Housing

Source: Canada Mortgage and Housing Corporation, Ontario Regional Office.

Transportation

Highlights

- **Motor Vehicle Registration** — The total number of vehicles registered in Canada rose from 12.5 million in 1977 to 13.0 million in 1978, an increase of 3.4 per cent. Comparable data for Ontario showed a 3.0 per cent increase between 1977 and 1978, rising from 4.4 million vehicles to 4.5 million.

In 1978, of the total number of motor vehicles registered in Ontario, 80.2 per cent were passenger cars, 17.2 per cent were trucks and tractors, 0.4 per cent were buses, and 1.9 per cent were motorcycles.

- **Highway and Road Kilometres** — Total Ontario road kilometres rose by 3.2 per cent between 1973 and 1978 to reach 159,415.8 kilometres. Of this total in 1978, King's highway accounted for 9.9 per cent, county roads for 7.9 per cent, organized township roads for 46.8 per cent, and cities, town and village streets for 20.8 per cent.

- **Shipping** — In 1979, the number of transits, excluding pleasure craft, in the Montreal-Lake Ontario Section of the St. Lawrence Seaway decreased 7.9 per cent from the 5,262 recorded in 1978. The number of transits in the Welland Section was down in 1979, dropping to 6,532 from 6,605 in 1978, a decrease of 1.1 per cent.

- **Railway Revenue Freight** — Total carload and non-carload freight loaded onto railway cars in Ontario in 1978 showed 51.9 million tons, a 5.3 per cent decrease over the corresponding figure for 1977. Of the 1978 total, inedible crude materials accounted for 42.7 per cent, followed by inedible fabricated materials with 27.8 per cent.

- **Air Traffic** — In 1978 in Ontario, Toronto International Airport was by far the busiest airport handling 36,062 domestic arriving flights and 36,156 domestic departing flights. It was followed by Ottawa International Airport with 16,084 and 16,130 flights, respectively.

Toronto International Airport handled an arriving cargo of 40.1 million kilograms and a departing cargo of 49.6 million kilograms on domestic services in 1978. Toronto International Airport handled over 5.8 million enplaned and deplaned passengers in 1978 compared with 0.8 million enplaned and deplaned passengers for Ottawa International Airport.

Definitions

Delivered to U.S. Rail

- traffic delivered to United States rail connections or transported across the border;
- deliveries to United States rail connections of freight originated in the U.S. and moved overland through Canada.

Loaded

- revenue freight originating directly on the road, including that received from private, non-reporting industrial sidings;
- freight received from switching roads, where such freight has not previously been given line haul transportation;
- freight received from other modes of transport;
- freight reshipped following milling or fabrication at some point in transit;
- idler or trailer cars.

Received from U.S. Rail Destined to Canadian Points — Traffic received from United States rail connections, or transported across the border destined to Canadian points.

Unloaded

- (a) freight terminating directly on the road, including that delivered to private, non-reporting industrial sidings and grain unloaded at interior, lake and coastal elevators for export;
- (b) freight delivered to switching roads, where there is no further line haul;
- (c) freight delivered to other modes of transport;
- (d) freight unloaded for milling or fabrication at some point in transit.

Transit – A partial or complete upbound or downbound passage of a vessel through one or more locks of a Seaway Canal.

Cargo Tonnes – The number of metric tonnes of cargo carried by a vessel on each or any transit.

Tug and Barge Combinations – The assessment of tolls requires tugs and barges in common transit to be considered as one unit. The number of transits shown under this category represents the number of combined passages plus the number of individual tugs transiting the Seaway.

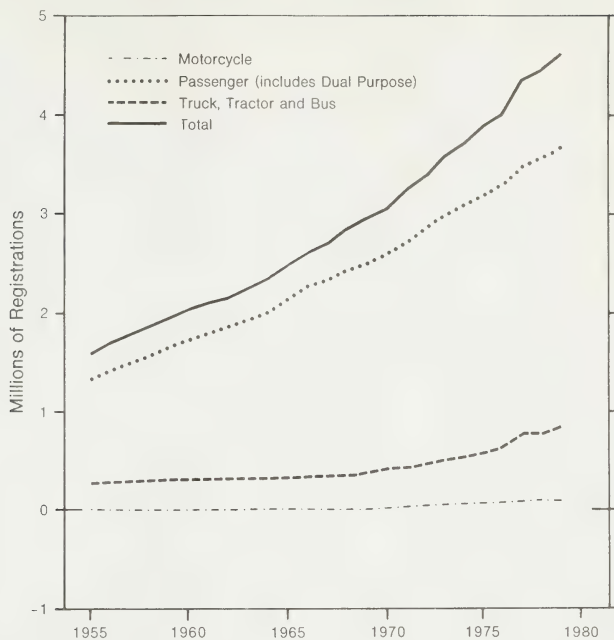
Itinerant Aircraft Movement – Situation where aircraft enters or leaves the airport tower control zone.

Local Aircraft Movement – Situation where an aircraft takes off, stays within tower control zone and lands at the same airport. If the aircraft leaves the tower control zone it is no longer local.

Unit Toll – Public transportation of persons, mail and/or goods by aircraft on a per unit basis.

Graph 22.A

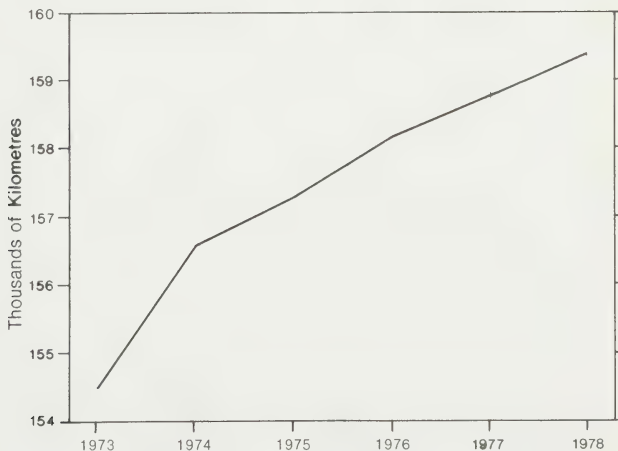
Motor Vehicle Registrations, Ontario, 1955-1979



Refer to Table 22.2.

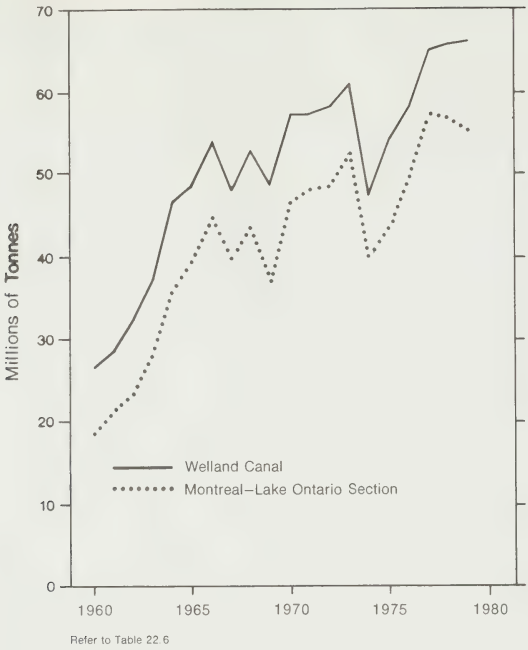
Graph 22.B

Total Highway and Road Length, Ontario, 1973-1978

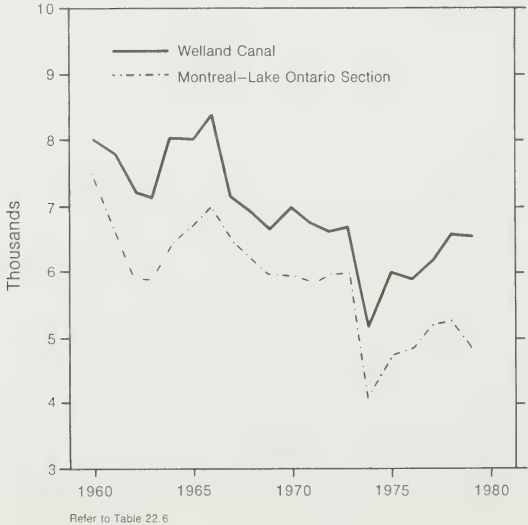


Refer to Table 22.3.

Graph 22.C
St. Lawrence Seaway Tonnage, 1960-1979

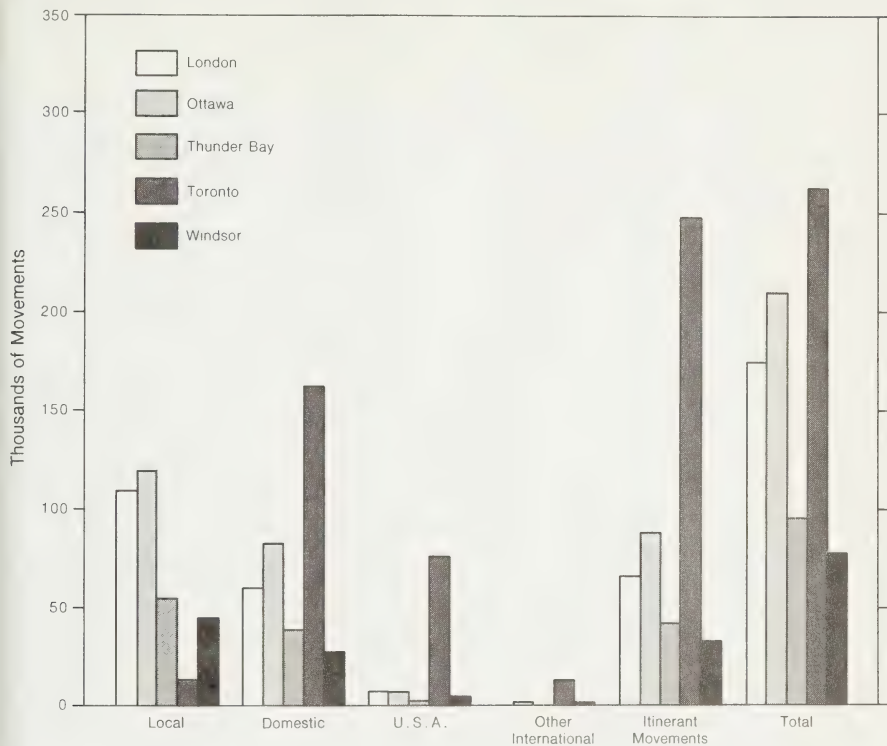


Graph 22.D
St. Lawrence Seaway Transits, 1960-1979



Graph 22.E

Distribution of Total Aircraft Movements at Air Traffic Controlled Airports
by Selected City, Ontario, 1978



Refer to Table 22.5

Table 22.1
Motor Vehicle Registrations¹, Canada, 1962-1978

	Passenger automobiles	Trucks and buses ²	Motorcycles	Other ³	Total
'000's					
1962	4,531.4	1,115.2	33.1	95.1	5,774.8
1963	4,788.9	1,144.2	37.2	104.4	6,074.4
1964	5,037.9	1,186.9	47.1	110.2	6,382.0
1965	5,279.4	1,231.7	74.0	113.7	6,698.8
1966	5,480.7	1,279.9	107.9	166.7	7,035.3
1967	5,865.7	1,312.7	125.7	177.9	7,482.0
1968	6,159.6	1,389.1	140.3	198.1	7,887.1
1969	6,433.3	1,461.6	138.4	220.9	8,254.2
1970	6,602.2	1,481.2	157.4	256.6	8,497.3
1971	6,967.2	1,556.6	198.9	299.5	9,022.1
1972	7,407.3	1,682.0	248.5	143.7	9,481.4
1973	7,866.1	1,843.9	287.8	160.6	10,158.4
1974	8,328.4	2,026.2	320.0	180.0	10,854.6
1975	8,692.8	2,177.4	326.6 ⁴	81.7 ⁴	11,278.5
1976	9,016.3	2,316.8 ⁴	341.3	57.5 ⁴	11,786.3
1977	9,554.3	2,494.3	372.0	126.6 ⁴	12,547.2
1978 ⁵	9,745.0	2,770.8	34.14	118.3	12,975.4

1) The statistics on road vehicle registrations shown in this table have been obtained from the twelve provincial and territorial governments across the nation, each of whom has its own distinct registrations system. Consequently, the content and comparability of these statistics varies considerably between the provinces and territories and over time. These differences are described in some detail in the Statistics Canada publication *Road Motor Vehicles - Registrations*, Catalogue number 53-219. Enquiries concerning these statistics should be directed to the Transportation and Communications Division, Statistics Canada, Ottawa, Ontario K1A 0T6 (Tel.: 613-996-9271).

2) Figures not complete as certain classes of trucks and/or buses have been included under passenger automobiles by some provinces. Also, a small number of automobiles used as delivery vehicles have been licenced as trucks in one province for the years 1961 to 1967.

3) Includes farm tractors (where registered), ambulances, mopeds (beginning in 1975), etc.

4) Includes Nova Scotia, Prince Edward Island and Québec only.

5) Source: SC, *Road Motor Vehicles - Registrations*, (53-219).

Table 22.2
Motor Vehicle Registrations, Permits Issued and Transfers, Ontario, 1977-1979

	1977	1978 ¹	Percentage increase or (decrease)	1979 ²	Percentage increase or (decrease)
Registrations					
Passenger	3,490,477	3,597,371	3.1	3,690,837	2.6
Truck and Tractor	746,898	771,018	3.2	834,284	8.2
Bus	20,156	19,814	-1.7	21,602	9.0
Motorcycle	82,934	86,377	4.2	90,933	5.3
Trailer	553,009	573,099	3.6	587,829	2.6
Snow Vehicle	199,914	199,502	-0.2	195,180	-2.2
Moped	11,825	9,511	-19.6	8,050	-15.4
Permits Issued					
Dealers	5,517	6,660	20.7	7,172	7.5
Garages	14,885	13,925	-6.4	5,859	-57.9
Transfers					
Dealers	538,703	551,403	2.4	546,995	-0.8
Paid	883,930	917,596	3.8	871,865	-5.0
Unit Vehicle Transfers					
Dealers	111,482	133,145	19.4	133,200	0.0
Paid	128,257	144,706	12.8	146,127	1.0

Source: Ministry of Transportation and Communications, Vehicles Licensing Office.

Table 22.3
Highway and Road Kilometres, Ontario, 1973–1978

	1973	1974	1975	1976	1977	1978
Kilometres						
King's Highway	15,775.8	15,766.9	15,784.9	15,823.6	15,896.3	15,854.1
Concrete	558.3	558.3	552.7	554.5	560.8	514.3
High-Class						
Bituminous	13,783.0	14,008.6	14,319.8	14,214.2	14,363.6	4,519.4
Low-Class						
Bituminous	1,242.5	1,008.5	817.5	920.7	850.4	760.2
Gravel and						
Crushed Stone	192.0	191.5	94.9	134.2	121.5	60.2
Secondary Highway	4,712.3	4,718.4	4,894.4	5,101.6	5,173.3	5,184.3
High-Class						
Bituminous	370.1	469.8	548.7	504.5	662.7	805.5
Low-Class						
Bituminous	1,224.6	2,527.1 ¹	2,496.0	2,942.1	2,844.3	2,808.8
Gravel and						
Crushed Stone	3,113.7	1,716.7 ¹	1,845.2	1,650.5	1,661.8	1,570.0
Earth	3.9	4.8	4.5	4.5	4.5	–
Tertiary Roads	362.5	589.7	396.4	324.7	406.0	406.0
High-Class						
Bituminous	39.3	37.0	–	–	2.7	2.7
Low-Class						
Bituminous	–	108.0 ¹	107.3	24.1	33.5	33.5
Gravel and						
Crushed Stone	323.2	444.7	289.1	300.6	369.8	369.8
County Roads	14,616.5	12,370.5	12,379.9	12,397.2	12,464.8	12,537.9
Concrete	74.2	69.2	57.3	57.3	21.7	19.3
High-Class						
Bituminous	6,383.1	5,719.7	5,867.7	5,991.3	6,238.0	6,444.0
Low-Class						
Bituminous	4,992.3	3,724.5	3,687.5	3,736.9	3,680.1	3,603.5
Gravel and						
Crushed Stone	3,165.2	2,851.3	2,763.8	2,608.8	2,511.5	2,450.6
Earth	0.6	3.1	3.1	2.4	13.2	16.8
Other	1.1	2.7	0.5	0.5	0.3	3.7
Regional Roads	3,613.7	6,037.4	6,484.8	6,580.4	6,849.0	6,839.2
Concrete	21.7	23.2	19.0	16.4	14.8	10.8
High-Class						
Bituminous	1,849.9	3,043.4	3,611.9	3,738.9	4,034.0	4,111.4
Low-Class						
Bituminous	1,125.7	2,114.2	2,036.4	2,086.8	2,127.0	2,090.2
Gravel and						
Crushed Stone	615.6	830.7	784.2	709.7	648.9	600.4
Earth	0.8	19.1	16.1	9.3	3.4	7.1
Other	–	6.8	17.2	19.3	20.9	19.3

Table 22.3 (cont'd)
Highway and Road Kilometres, Ontario, 1973-1978

	1973	1974	1975	1976	1977	1978
Kilometres						
Metropolitan						
Roads	623.0	650.3	696.9	719.8	722.3	723.9
Concrete	1.8	1.8	-	4.5	4.7	5.0
High-Class						
Bituminous	615.3	643.4	686.1	709.0	711.3	712.6
Low-Class						
Bituminous	2.7	2.7	5.1	-	-	-
Gravel and						
Crushed Stone	0.6	0.6	3.9	2.9	2.9	2.9
Other	2.6	1.8	1.8	3.4	3.4	3.4
Organized						
Township Roads	81,121.4	77,597.9	78,017.0	75,013.6	75,189.9	74,673.5
Concrete	21.1	18.2	9.8	9.3	9.3	10.1
High-Class						
Bituminous	4,702.8	4,774.1	4,979.0	2,703.5	2,740.3	2,654.9
Low-Class						
Bituminous	6,466.7	6,305.2	6,733.2	6,626.6	7,006.1	7,323.3
Gravel and						
Crushed Stone	59,656.7	56,709.2	56,103.4	55,603.1	55,287.0	54,680.5
Earth	3,499.9	3,277.0	3,350.9	3,252.2	3,228.6	3,228.3
Other	6,774.2	6,514.2	6,840.7	6,818.9	6,918.6	6,776.4
Unorganized						
Township Roads	9,219.1	9,826.2	9,779.0	9,913.4	9,848.7	10,103.4
High-Class						
Bituminous	63.9	70.2	80.6	82.4	76.1	93.8
Low-Class						
Bituminous	80.8	95.4	106.5	141.9	182.7	202.1
Gravel and						
Crushed Stone	7,328.3	8,627.0	8,598.2	8,736.5	8,639.8	8,844.6
Earth	1,445.4	669.5	643.4	631.2	633.1	628.8
Other	300.7	364.1	350.3	321.4	317.0	334.1
City, Town and						
Village Streets	24,452.1	29,017.0	28,894.7	32,315.9	32,291.4	33,093.5
Concrete	398.5	391.2	382.6	455.1	314.3	295.5
High-Class						
Bituminous	10,367.9	11,515.6	12,078.1	15,197.0	15,360.9	16,577.1
Low-Class						
Bituminous	6,351.4	6,764.7	6,569.5	7,315.2	7,574.8	7,259.4
Gravel and						
Crushed Stone	5,426.7	7,845.6	7,428.0	6,856.7	6,556.1	6,436.7
Earth	552.2	600.5	422.4	459.5	377.6	370.6
Other	1,355.4	1,899.4	2,014.1	2,032.4	2,107.7	2,154.6
Total Road						
Kilometres	154,496.4	156,574.3	157,328.0	158,190.2	158,841.7	159,415.8

1) These figures are the result of updated surface-type inventory.

Source: Ministry of Transportation and Communications.

Table 22.4

International and Mainline Domestic Flights, by Selected City, Ontario, 1978

	Arriving						
	Arriving load				Deplaned load		
	No. of flights	No. of passengers	Mail ('000's Kg.)	Cargo ('000's Kg.)	No. of passengers	Mail ('000's Kg.)	Cargo ('000's Kg.)
Hamilton	..	105,445	50	666	55,636	27	356
Scheduled Services	2,257	105,396	50	666	55,587	27	356
Domestic	1,734	89,191	50	444	48,968	27	214
International	-	-	-	-	-	-	-
U.S.	523	16,205	-	222	6,619	-	142
Other	-	-	-	-	-	-	-
International Charter	..	49	-	-	49	-	-
Ottawa International	..	1,175,702	3,297	4,574	846,573	2,339	2,893
Scheduled Services	16,451	1,154,819	3,297	4,574	825,690	2,339	2,893
Domestic	16,084	1,120,461	3,280	4,377	799,577	2,332	2,766
International	1	94	-	-	-	-	-
U.S.	366	34,264	17	197	26,113	7	127
Other	-	-	-	-	-	-	-
International Charter	..	20,883	-	-	20,883	-	-
Thunder Bay	..	289,142	709	1,771	193,737	594	1,376
Scheduled Services	4,811	289,005	709	1,771	193,600	594	1,376
Domestic	4,137	278,084	702	1,627	182,712	587	1,232
International	-	-	-	-	-	-	-
U.S.	674	10,921	7	144	10,888	7	144
Other	-	-	-	-	-	-	-
International Charter	..	137	-	-	137	-	-
Toronto International	..	6,502,369	16,033	93,754	6,220,403	14,592	83,468
Scheduled Services	63,416	5,905,244	16,033	93,065	5,623,278	14,592	82,779
Domestic	36,062	3,473,133	11,179	40,085	3,247,912	9,885	35,804
International	3,642	607,080	1,192	12,855	590,476	1,100	12,258
U.S.	23,712	1,825,031	3,662	40,125	1,784,890	3,607	34,717
Other	-	-	-	-	-	-	-
International Charter	..	597,125	-	689	597,125	-	689
Windsor International	..	160,462	442	423	138,162	351	288
Scheduled Services	2,611	146,519	442	421	124,219	351	286
Domestic	2,610	146,502	442	421	124,219	351	286
International	-	-	-	-	-	-	-
U.S.	1	17	-	-	-	-	-
Other	-	-	-	-	-	-	-
International Charter	..	13,943	-	2	13,943	-	2

Table 22.4 (cont'd)

International and Mainline Domestic Flights, by Selected City, Ontario, 1978

Departing							
Enplaned load				Departing load			
	No. of flights	No. of passengers	Mail ('000's Kg.)	Cargo ('000's Kg.)	No. of passengers	Mail ('000's Kg.)	Cargo ('000's Kg.)
Hamilton	..	54,652	38	238	104,461	60	546
Scheduled Services	2,254	54,602	38	238	104,411	60	546
Domestic	1,725	47,884	38	230	86,284	60	513
International	—	—	—	—	—	—	—
U.S.	529	6,718	—	8	18,127	—	33
Other	—	—	—	—	—	—	—
International Charter	..	50	—	—	50	—	—
Ottawa International	..	843,147	3,902	2,491	1,172,270	4,862	4,169
Scheduled Services	16,491	820,948	3,902	2,491	1,150,071	4,862	4,169
Domestic	16,130	795,763	3,859	2,442	1,120,860	4,804	4,092
International	—	—	—	—	—	—	—
U.S.	361	25,185	43	49	29,211	58	77
Other	—	—	—	—	—	—	—
International Charter	..	22,199	—	—	22,199	—	—
Thunder Bay	..	195,810	291	412	291,211	405	808
Scheduled Services	4,802	195,708	291	412	291,109	405	808
Domestic	4,130	184,683	274	395	280,084	388	791
International	—	—	—	—	—	—	—
U.S.	672	11,025	17	17	11,025	17	17
Other	—	—	—	—	—	—	—
International Charter	—	102	—	—	102	—	—
Toronto International	..	6,202,575	20,960	81,117	6,485,017	22,401	91,403
Scheduled Services	63,456	5,592,789	20,960	79,111	5,875,231	22,401	89,397
Domestic	36,156	3,251,564	16,234	49,592	3,475,835	17,469	54,634
International	3,777	581,511	2,444	20,635	596,803	2,475	23,565
U.S.	23,523	1,759,714	2,282	8,884	1,802,593	2,457	11,198
Other	—	—	—	—	—	—	—
International Charter	—	609,786	—	2,006	609,786	—	2,006
Windsor International	..	137,010	276	827	159,309	367	963
Scheduled Services	2,609	123,255	276	825	145,554	367	961
Domestic	2,603	123,255	276	825	145,232	365	959
International	—	—	—	—	—	—	—
U.S.	6	—	—	—	322	2	2
Other	—	—	—	—	—	—	—
International Charter	..	13,755	—	2	13,755	—	2

Source: SC, *Air Carrier Traffic at Canadian Airports, 1978*, (51-203).

Table 22.5

Distribution of Total Aircraft Movements at Air-Traffic Controlled Airports, by Selected City, Ontario, 1977 and 1978

1977	Airport				
	London	Ottawa International	Thunder Bay	Toronto International	Windsor
Total	162,523	201,758	90,890	243,173	78,533
Itinerant	61,797	84,604	38,804	232,745	32,089
Local	100,726	117,154	52,086	10,428	46,444
Distribution of Itinerant Movements					
Domestic					
Unit toll	11,041	35,301	10,836	81,559	5,438
Charter	269	1,237	256	5,981	325
Other commercial	12,541	13,312	16,355	21,054	13,841
Private	30,713	12,680	5,774	36,956	8,597
Government					
Civil	806	5,907	1,137	3,078	334
Military	477	9,789	1,705	366	139
Domestic - Total	55,847	78,226	36,063	148,994	28,674
International					
United States					
Unit toll	704	728	1,280	46,523	5
Charter	102	210	46	4,580	105
Other commercial	687	658	231	3,132	601
Private	4,386	3,399	1,092	16,415	2,437
Government					
Civil	15	242	1	48	9
Military	52	542	88	57	2
United States - Total	5,946	5,779	2,738	70,755	3,159
Other					
Unit toll	-	2	-	7,604	-
Charter	2	216	3	5,204	253
Other commercial	-	13	-	67	1
Private	1	6	-	114	2
Government					
Civil	-	9	-	1	-
Military	1	353	-	6	-
Other - Total	4	599	3	12,996	256
Distribution of itinerant movements by type of operation					
Unit toll	11,745	36,031	12,116	135,686	5,443
Charter	373	1,663	305	15,765	683
Other commercial	13,228	13,983	16,586	24,253	14,443
Private	35,100	16,085	6,866	53,485	11,036
Government					
Civil	821	6,158	1,138	3,127	343
Military	530	10,684	1,793	429	141

Table 22.5 (cont'd)

Distribution of Total Aircraft Movements at Air-Traffic Controlled Airports, by Selected City, Ontario, 1977 and 1978

1978	Airport				
	London	Ottawa International	Thunder Bay	Toronto International	Windsor
Total	174,782	209,060	96,280	260,877	78,735
Itinerant	65,951	89,365	42,065	249,237	32,652
Local	108,831	119,695	54,215	11,640	46,083
Distribution of Itinerant Movements					
Domestic					
Unit toll	11,145	37,548	10,643	81,492	5,926
Charter	347	1,545	192	6,654	289
Other commercial	12,672	15,860	19,386	31,095	13,489
Private	34,016	12,596	6,029	38,000	8,380
Government					
Civil	699	6,193	821	3,616	269
Military	445	8,965	2,098	436	156
Domestic - Total	59,324	82,707	39,169	161,293	28,509
International					
United States					
Unit toll	662	732	1,321	46,690	8
Charter	125	194	38	5,063	90
Other commercial	715	932	213	4,578	809
Private	5,070	3,364	1,167	18,834	2,967
Government					
Civil	8	212	1	37	13
Military	43	570	152	103	14
United States - Total	6,623	6,004	2,892	75,305	3,901
Other					
Unit toll	-	6	-	7,298	-
Charter	-	275	1	5,117	225
Other commercial	2	13	1	85	16
Private	2	8	2	136	1
Government					
Civil	-	13	-	1	-
Military	-	339	-	2	-
Other - Total	4	654	4	12,639	242
Distribution of itinerant movements by type of operation					
Unit toll	11,807	38,286	11,964	135,480	5,934
Charter	472	2,014	231	16,834	604
Other commercial	13,389	16,805	19,600	35,758	14,314
Private	39,088	15,968	7,198	56,970	11,348
Government					
Civil	707	6,418	822	3,654	282
Military	488	9,874	2,250	541	170

Source: SC, Airport Activity Statistics.

Table 22.6
Tonnage and Transits¹, St. Lawrence Seaway, 1959-1979

	Montreal-Lake Ontario Section		Welland Canal	
	Number of transits	Tonnage (tonnes)	Number of transits	Tonnage (tonnes)
1959	7,590	18,463,072	8,252	24,636,187
1960	7,387	18,425,546	8,007	26,535,318
1961	6,639	21,244,556	7,778	28,535,797
1962	5,963	23,218,514	7,248	32,120,600
1963	5,872	28,071,390	7,182	37,470,516
1964	6,440	35,661,151	8,051	46,619,658
1965	6,751	39,356,934	8,046	48,462,786
1966	7,031	44,679,018	8,428	53,771,255
1967	6,569	39,942,780	7,192	47,908,700
1968	6,296	43,503,732	6,998	52,685,381
1969	5,971	37,207,937	6,653	48,564,534
1970	5,973	46,397,082	7,001	57,034,673
1971	5,851	48,034,717	6,761	57,071,311
1972	5,884	48,607,722	6,621	58,147,328
1973	6,013	52,285,689	6,706	60,959,018
1974	4,113	40,049,654	5,090	47,500,958
1975	4,704	43,555,037	6,041	54,295,037
1976	4,859	49,349,271	5,892	58,369,427
1977	5,185	57,457,309	6,162	65,078,545
1978	5,262	56,942,680	6,605	65,670,992
1979	4,846	55,322,093	6,532	66,164,546

¹) Tug and Barge combinations counted as one transit unit. Pleasure craft excluded. *Non-toll traffic excluded.*

Source: The St. Lawrence Seaway Authority, *Traffic Report of the St. Lawrence Seaway*

Table 22.7
Saint Lawrence Seaway, Traffic Summary by Type of Cargo, 1969-1979

	Agricultural Products		Mine Products		Processed Products		Misc. Cargo	Total Cargo
	Grains	Other	Coal and Coke	Other	Fuel Oil & Petroleum Products	Other		
'000's Tonnes								
Montreal – Lake Ontario Section								
1969	10,926	476	913	12,102	2,445	9,289	1,056	37,208
1970	17,539	423	747	15,209	2,816	8,695	968	46,397
1971	19,635	858	773	13,877	2,321	9,486	1,085	48,035
1972	20,645	660	784	13,181	2,979	9,573	756	48,608
1973	21,435	639	991	16,859	3,504	8,356	502	52,286
1974	14,316	357	1,366	15,962	1,945	5,755	350	40,050
1975	19,169	272	1,231	15,299	1,891	5,418	274	43,555
1976	18,471	284	1,966	20,539	1,589	6,144	355	49,349
1977	21,608	208	2,242	22,792	2,173	8,074	360	57,457
1978	27,736	149	3,427	15,657	2,370	7,262	342	56,943
1979	24,722	197	2,820	17,584	2,744	6,993	262	55,322
Welland Canal Section								
1969	12,127	390	10,069	15,301	1,211	8,558	909	48,565
1970	18,893	296	10,180	17,460	1,294	8,040	872	57,035
1971	20,884	712	8,836	15,451	1,142	9,043	1,004	57,071
1972	21,632	532	9,559	15,777	1,270	8,677	701	58,147
1973	22,592	563	7,976	19,524	2,020	7,724	561	60,959
1974	15,708	238	6,327	18,071	1,163	5,539	455	47,501
1975	20,577	205	8,504	18,400	1,111	5,025	473	54,295
1976	19,458	203	8,491	23,170	777	5,766	506	58,369
1977	22,809	153	8,836	23,725	1,070	8,000	486	65,079
1978	28,916	97	7,934 ¹	19,614	1,298	7,336	476	65,671
1979	26,131	149	19,294	19,602	2,082	7,461	446	66,165

1) The 1978 figure includes Anthracite and Bituminous Coal.

Source: The St. Lawrence Seaway Authority, *Statistics*.

Table 22.8

Saint Lawrence Seaway—Gross Registered Tonnage of Traffic, Vessel Transits and Revenue, 1969–1979.

	Gross Registered Tonnage			Vessel Transits					Revenue
	Cargo Vessels	Non-Cargo Vessels	Total	Loaded Cargo Vessels ¹	Ballast Cargo Vessels	Non-Cargo Vessels	Non-Toll Vessels ¹	Total	
	'000's			Number					\$'000's
Montreal-Lake Ontario Section									
1969	42,804	203	43,007	4,492	1,274	626	285	6,677	21,456
1970	44,990	121	45,112	4,787	1,114	376	423	6,700	25,436
1971	49,491	80	49,571	4,676	1,176	207	302	6,361	27,407
1972	50,047	71	50,118	4,576	1,205	155	448	6,384	27,301
1973	51,491	247	51,738	4,533	1,291	301	352	6,477	27,894
1974	37,863	170	38,033	3,246	763	251	381	4,641	21,320
1975	44,015	89	44,104	3,508	999	197	544	5,248	22,592
1976	48,157	110	48,267	3,791	871	197	496	5,355	25,813
1977	54,008	97	54,105	4,185	809	191	331	5,516	30,769
1978	58,529	224	58,753	3,994	1,086	182	84	5,346	33,211
1979	54,635	164	54,799	3,701	966	179	64	4,910	35,866
Welland Canal Section									
1969	57,438	201	57,639	4,937	1,640	286	74	6,937	2,494
1970	62,554	210	62,764	5,136	1,688	287	72	7,183	3,533
1971	64,168	140	64,308	5,011	1,588	255	71	6,925	4,332
1972	66,142	101	66,244	4,882	1,691	195	48	6,816	4,243
1973	66,004	265	66,270	4,818	1,709	288	65	6,880	4,232
1974	50,935	158	51,093	3,617	1,300	254	90	5,261	3,177
1975	61,312	233	61,545	4,059	1,653	329	80	6,121	3,720
1976	61,875	109	61,984	4,249	1,369	274	59	5,951	3,789
1977	65,587	138	65,726	4,640	1,290	232	61	6,223	4,031
1978	73,875	165	74,039	4,587	1,799	219	21	6,626	18,291
1979	74,664	177	74,842	4,395	1,918	219	15	6,547	21,242

¹⁾ 1977 and previous years include transits of seaway owned vessels.

Source: The St. Lawrence Seaway Authority Statistics.

Table 22.9

Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1974-1978

	Total freight traffic (initial haul)	Grand total	Unloaded from railway cars in Ontario	Delivered to U.S. rail
	Tons	Per cent	Tons	
Live animals				
1974	15,848	.020	140,992	120
1975	3,673	.005	170,897	50
1976	3,939	.006	119,730	110
1977	2,175	.003	82,282	200
1978	2,703	.004	98,084	73
Food, feed, beverages, and tobacco				
1974	8,707,621	11.213	14,992,923	1,602,834
1975	7,003,717	10.644	16,267,848	1,168,899
1976	7,279,645	10.534	15,510,259	1,213,941
1977	7,190,098	10.365	15,790,583	1,066,220
1978	6,574,169	10.018	16,524,132	1,037,410
Crude materials, inedible				
1974	34,710,319	44.697	31,594,291	3,291,798
1975	30,346,072	46.120	28,411,075	2,285,616
1976	31,604,800	45.734	29,900,066	2,459,787
1977	31,543,444	45.470	29,348,941	2,012,243
1978	28,032,957	42.717	26,828,376	1,944,441
Fabricated materials, inedible				
1974	21,314,100	27.446	15,116,079	12,306,165
1975	16,266,007	24.721	12,175,691	10,573,339
1976	16,726,331	24.204	13,155,096	13,069,729
1977	17,885,925	25.783	13,015,508	14,206,045
1978	18,306,395	27.896	13,310,159	14,743,438
End products, inedible				
1974	8,285,674	10.670	3,179,701	3,089,612
1975	8,173,536	12.422	2,881,049	2,899,734
1976	8,637,409	12.499	3,120,240	3,056,781
1977	8,013,714	11.552	2,823,143	2,919,308
1978	7,735,697	11.788	2,657,716	2,808,368
Special types of traffic ¹				
1974	3,773,871	4.860	2,651,898	338,837
1975	3,562,215	5.414	2,256,853	254,308
1976	4,499,514	6.511	3,029,080	343,062
1977	4,376,487	6.309	2,915,527	323,944
1978	4,655,623	7.094	3,158,638	393,190
Grand Total, Carload Traffic				
1974	76,807,433	98.906	67,675,884	20,629,366
1975	65,355,220	99.326	62,163,413	17,181,946
1976	68,751,638	99.488	64,834,471	20,143,410
1977	69,011,843	99.482	63,975,984	20,527,960
1978	65,307,544	99.517	62,577,105	20,926,920
Non-Carload Shipments				
1974	849,597	1.094	646,038	21,089
1975	443,557	.674	226,934	1,772
1976	353,988	.512	167,125	2,349
1977	360,181	.518	170,744	1,759
1978	317,275	.483	143,800	1,272
Grand Total, Carload and Non-Carload Traffic				
1974	77,657,030	100.000	68,321,922	20,650,455
1975	65,798,777	100.000	62,390,347	17,183,718
1976	69,105,626	100.000	65,001,596	20,145,759
1977	69,372,024	100.000	64,146,728	20,529,719
1978	65,624,819	100.000	62,720,905	20,928,192

Table 22.9 (cont'd)

Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1974-1978

	Loaded onto railway cars in Ontario	Loaded onto railway cars in Ontario	Received from U.S. rail	
			Destined to Canadian Points	Destined to U.S. points
	Number of cars		Tons	
Live animals				
1974	766	15,474	240	134
1975	175	3,321	302	50
1976	132	3,364	475	100
1977	84	1,822	153	200
1978	82	2,341	362	-
Food, feed beverages, and tobacco				
1974	96,722	4,553,463	2,313,038	1,841,120
1975	89,497	4,395,141	1,365,156	1,243,420
1976	81,905	4,041,107	1,791,041	1,447,497
1977	81,019	3,993,906	1,833,060	1,363,132
1978	76,417	3,800,574	1,496,211	1,277,384
Crude materials, inedible				
1974	434,923	30,600,713	3,537,264	572,342
1975	371,417	27,303,551	2,648,304	394,217
1976	377,568	28,536,205	2,627,844	440,751
1977	377,164	28,376,302	2,700,950	466,192
1978	338,871	24,960,324	2,771,281	301,352
Fabricated materials, inedible				
1974	274,157	15,384,750	3,938,869	1,990,481
1975	216,969	12,281,678	2,536,024	1,448,305
1976	208,599	12,496,511	2,744,886	1,484,934
1977	222,542	13,623,277	2,745,493	1,517,155
1978	233,597	14,218,840	2,839,525	1,248,030
End products, inedible				
1974	188,349	4,073,993	2,646,805	1,564,876
1975	180,492	4,688,446	2,337,256	1,147,834
1976	188,041	4,811,602	2,668,612	1,157,195
1977	184,195	4,488,141	2,475,030	1,050,543
1978	181,038	4,438,302	2,359,391	938,004
Special types of traffic ¹				
1974	165,996	3,281,116	376,209	116,546
1975	136,412	3,120,291	360,686	81,238
1976	146,288	3,879,137	549,262	71,115
1977	140,548	3,903,370	410,533	62,584
1978	152,095	4,123,839	475,286	56,498
Grand Total, Carload Traffic				
1974	1,160,913	57,909,509	12,812,425	6,085,499
1975	994,962	51,792,428	9,247,728	4,315,064
1976	1,002,533	53,767,926	10,382,120	4,601,592
1977	1,005,552	54,386,818	10,165,219	4,459,806
1978	982,100	51,544,220	9,942,056	3,821,268
Non-Carload Shipments				
1974	...	795,556	47,864	6,177
1975	...	436,805	6,069	683
1976	...	353,633	311	44
1977	...	359,842	301	38
1978	...	316,581	636	58
Grand Total, Carload and Non-Carload Traffic				
1974	...	58,705,065	12,860,289	6,091,676
1975	...	52,229,233	9,253,797	4,315,747
1976	...	54,121,559	10,382,431	4,601,636
1977	...	54,746,660	10,165,520	4,459,844
1978	...	51,860,801	9,942,692	3,821,326

¹) Excludes railway-owned (Plan II) trailers and containers for which data are included under appropriate commodities according to trailer or container contents.

Source: SC, *Railway Freight Traffic*, (52-205).

Unit Conversion

Unit Conversion Table

	Unit	Converted Equivalent
Length	1 inch	2.540 centimeters
	1 foot	3.048×10^{-1} meter
	1 mile	1.609 kilometers
Area	1 square inch	6.452 square centimeters
	1 square foot	9.290×10^{-2} square meters
	1 square mile	2.590 square kilometers
	1 square mile	640 acres
	1 acre	4.356×10^4 square feet
	1 acre	4.047×10^{-1} hectare (square hectometer)
Volume	1 cubic inch	16.387 cubic centimeters
	1 cubic foot (Br.)	2.832×10^{-2} cubic meters
	1 cubic foot (Br.)	6.229 gallons (Br.)
	1 cubic foot (Br.)	7.481 gallons (U.S.A.)
	1 gallon (Br.)	1.605×10^{-1} cubic foot
	1 gallon (Br.)	4.546 liters
Mass	1 pound	4.536×10^2 grams
	1 long ton (Br.)	1.016 metric tonnes
	1 short ton (Br.)	0.907 metric tonnes
Density	1 lb./cubic foot	1.602×10^{-2} gram per cubic centimeter
	1 gm/cc	62.43 lbs. per cubic foot
Work and Energy	1 British Thermal Unit (BTU)	2.930×10^{-4} kilowatt hour
	1 kilowatt-hour	3.413×10^3 (BTU's)
Power	1 horse power	7.070×10^{-1} BTU per second
	1 horse power	7.457×10^2 watts
	Kilowatt	9.483×10^{-1} BTU per second
	Kilowatt	1.341 horse power

Census of Population — Data Quality

Data from the Canadian Census of Population are used in several sections throughout this publication. Data quality is an important factor which should be considered with regard to these data. The comments on data quality relate to 1976 data; information may be obtained from Statistics Canada for earlier Censuses and for additional details on random rounding.

Confidentiality and Random Rounding — The aggregated data from the 1971 and 1976 Censuses have been subjected to a confidentiality procedure known as "random rounding" to prevent the possibility of associating small figures with any identifiable individual. Under this method, all figures including totals are randomly rounded (either up or down) to a multiple of "5". This technique provides strong protection against direct, residual or negative disclosures without adding significant error to the census data. However, since totals are independently rounded they do not necessarily equal the sum of individual rounded figures in distributions. Also, minor differences can be expected for corresponding totals and cell values in various census reports. Similarly, percentages, which are calculated on rounded figures, do not necessarily add to the total. Percentage distributions and rates for the most part are based on rounded data, while percentage changes and averages are based on unrounded data.

Coverage Error — A coverage error occurs in the census whenever a person or a household is missed completely or counted more than once. Since overcoverage is fairly rare in relation to undercoverage, the net effect of such errors is to introduce a downward bias in census figures, so that the published census estimates tend to underestimate the actual population. A special study was undertaken in relation to the 1976 Census to measure the extent of the bias due to undercoverage. This study estimated the over-all undercoverage rate to be of the order of 2% of the total population.

Evidence from studies of coverage errors in earlier censuses indicates that undercoverage is not evenly distributed throughout the population but tends to be higher in certain segments of the population, e.g., young male adults, recent immigrants.

Response Rates — The table below presents the response rates obtained in the 1976 Census for the stated characteristics. A response rate is defined as the number of times the value of the characteristic was obtained divided by the number of times it should have been obtained.

These response rates are published in order to give an indication for each characteristic, of the proportion of cases which required imputation for non-response.

Response Rates for Selected Census Characteristics, 1976

Characteristics	Response Rate(%)
Mother Tongue	98.1 ¹
Age	98.4
Marital status	98.
Sex	98.6

¹ As imputation for non-response was not carried out for mother tongue, the response rate for mother tongue is the percentage of persons in the given language categories excluding the "not stated" category.

Total Standard Error – The measures of reliability given in the table below are estimates of the total standard error (TSE) of the published 1976 Census figures. These include the effects of sampling (where applicable) as well as the random or non-systematic components of response and processing errors. The total standard errors, however, do not include allowances for systematic errors such as coverage errors, biases due to similar misinterpretations of concepts by many respondents, or systematic processing errors. These estimates of reliability are published to give an indication of the level of error only and are not meant for use in hypothesis testing or detailed analysis.

Users wishing to obtain TSE estimates for a given cell of data in any table should follow these procedures:

1. Determine if the table is based on the complete census or on the one-third sample.
2. Determine the categories defining the cell. In some cases, this may be just a single category (e.g., age 25-29), while for a cell in a cross-classification involving several variables, there may be several categories (e.g., married males aged 25-29).
3. Referring to the TSE table locate the cell-defining category which presents the highest value. Any column can be used for this comparison. For those categories where both 100% and sample TSE values are shown, use only the 100% rows for tables based on the complete census and only the sample rows for tables based on the one-third sample (see step 1).
4. Choose the column in the TSE table whose heading is closest to the value of the given cell in the census table. Approximations for intermediate values may be achieved by linear interpolation.
5. Read off the figure from the row (determined in step 3) and column (determined in step 4) of the TSE table.

When using these figures, the user can be reasonably certain that, for the enumerated population, the true value (discounting systematic and coverage errors) lies within plus or minus twice the total standard error (e.g., for a figure of 100 with a hypothetical TSE of 3, the range would be 100 ± 6) and virtually certain that it lies within plus or minus three times the total standard error (e.g., for the same figure of 100 with a hypothetical TSE of 3, the range would be 100 ± 9).

Total Standard Error Estimates¹ for Selected Census Characteristics, 1976

Size of Census Figure

Characteristics	Size of Census Figure													Million		
	50	100	200	500	1,000	2,000	5,000	10,000	20,000	50,000	100,000	500,000	1	2	5	10
Marital status																
Married and separated																
Married	5	7	10	16	22	31	49	69	98	155	219	490	687	979	1,548	2,188
Single (never Married), Separated, Widowed, Divorced	8	10	14	23	33	46	72	103	145	229	324	724	1,053	1,649	2,607	3,687
Age																
Under 15 years of age	9	12	18	28	39	56	88	125	176	279	395	882	1,248	1,764	2,790	-
15 years of age and over	5	7	9	15	21	30	47	66	93	148	209	467	661	934	1,477	2,089
Sex																
Male	6	9	12	20	28	39	62	88	125	197	279	624	882	1,247	1,972	2,789
Female	6	8	12	19	27	38	60	85	120	190	269	601	850	1,202	1,900	2,687
Mother Tongue																
English	8	12	17	26	37	53	83	117	166	263	372	831	1,175	1,661	2,627	3,715
French	8	12	17	27	38	53	84	119	169	267	377	844	1,193	1,687	2,668	-
Other ²	13	19	27	42	60	85	134	190	268	424	600	1,342	1,898	2,684	-	-
Group 1 ³	5	8	10	15	24	34	51	72	102	157	222	-	-	-	-	-
Group 2 ⁴	11	16	22	35	50	70	111	157	222	366	519	1,053	-	-	-	-

1) These correspond to the reliability measures that were presented as root mean square errors or reliability estimates in the 1971 Census publications

2) To be used for the single category defined as all mother tongues, other than English, French and Not stated

3) To be used for any one of Baltic languages, Czech and Slovak, Magyar (Hungarian), Native Indian, Netherlands and Flemish, Scandinavian and Spanish.

4) To be used for any mother tongue other than English, French and those listed in Group 1.

Historical Statistics

Period of French Exploration and Control (1611-1760)^{1,2}

French exploration in the 16th century did not immediately lead to their systematic settling of the North American continent. However, the appearance of fur as a trading commodity changed this. Sieur de Monts, given exclusive rights to fur trade between the 46th and 40th parallels, instructed Samuel de Champlain to found a settlement on the St. Lawrence river. In July of 1608 Champlain arrived at a point facing Cap Diamant below which he built the Quebec Habitation.

It was in 1611 that the first European entered what is now Ontario, when Etienne Brul  explored the Ottawa river. Champlain followed, travelling as far as Lake Ontario shortly afterwards. The French gradually opened the fur trade route of the Ottawa River leading to the Great Lakes, and made allies of the Huron and Algonquin Indians. The latter, dwelling along the banks of the Ottawa River, acted as intermediaries between the French and the tribes further to the west. In this manner, and through the pioneering efforts of the Jesuit missionaries at Fort Saint Marie, the French first took control of the Great Lakes area. However, the French-Dutch, English and Huron-Iroquois rivalries coupled with the weakening of the Huron nation through European diseases, (against which the natives had no immunity), worked to destroy this form of commercial network. In 1648 the Iroquois ravaged Huron territory and attacked the French; by about 1660 the process of dissemination was complete.

The network was eventually rebuilt, under the Royal Administration of Louis XIV and the protection of the Carignan Sali res Regiment. By 1665 the French had sent explorers and traders inland, to make direct contact with the tribes supplying furs. New trade centres arose, with protection provided by forts. French dominated trade extended even beyond the Great Lakes but, the renewed assertion of the French commercial influence, led to overproduction of pelts and increased rivalry in the fur trade.

In 1668, des Groseilliers, with an English expedition, reached Hudson's Bay by sea. This led to the formation of the Hudson's Bay Company in 1670. The English thus sought to seize the rich fur producing regions in the north from French hands. The attempt was repulsed at sea in 1690 by d'Iberville. Thus, at the onset of the eighteenth century France, controlled most of the Great Lakes area and north eastern parts of North America. Defeat of France in Europe, however, leading to the Treaty of Utrecht in 1713 and annulment of French colonial victories in North America provided a severe blow. This was countered for a while by the construction of the Louisbourg fortress, Fort Niagara and other forts in an attempt to retain control over the Gulf and the Great Lakes, thereby keeping the English confined to the Atlantic and James Bay coasts. New France could not continue to keep ascendancy against the thirteen American colonies and Great Britain and eventually capitulated to Britain after defeats at Quebec in 1759 and Montreal in 1760.

It is apparent that despite considerable natural obstacles, strong competition from the Dutch and the English and danger from the Iroquois, New France had made considerable progress towards establishing a strongly based colony. The growth of this early bridgehead of inland development is illustrated by selected data pertaining to human and livestock population prior to the advent of British rule.

British Rule to Confederation (1760-1867)

The next phase in development begins essentially in 1760 with the British Conquest of Montr al. The Treaty of Paris in 1763 ratified the takeover and replaced military with colonial rule. The historical focus in this period is on the provinces of Lower and Upper Canada (Constitutional Act 1791): the former identifying with what is now Qu bec; and the latter with Ontario. Problems of boundary definitions at the beginning of this period are illustrated by R. Rolt:

"Canada is computed by some to be as extensive as one-half of Europe as it extends from 39  to 65  latitude; this is from Lake Erie to the north of Hudson's Bay, and in longitude from the river Mississippi to Cape Race in Newfoundland. But others extend it from the 25  to the 53  north latitude; and from 76  to 93  of west latitude; being bounded on the north by the land called Labrador or New Britain; on the east by the Northern Sea and New England; on the south by Florida and in the west by New Mexico.

With unknown tracts to the north of it: The great river of St. Lawrence which is twenty-two leagues broad at the mouth, and whose source is not perfectly known, though traced through more than 800 leagues up the country, almost entirely crosses Canada; forming in its course several great lakes, some of which are of such extent that they may be taken for seas. Canada in its largest sense is divided into Eastern and Western, the former of which is commonly known by the name Canada, or New France; and the latter Louisiana."³

Obviously, Canada did not always mean the same thing to all people. For our purposes, though, the well understood terms "Upper Canada", and "Lower Canada", are considered the most suitable for use in statistical descriptions covering this period. However, it should be mentioned that as a result of Lord Durham's report, produced in response to civic unrest in Upper Canada, Canada was formally constituted as one province in 1840 (Act of Union). The province contained two components called Canada East and West. These are geographically identified with Lower and Upper Canada respectively. This arrangement continued only until 1867 when, under the British North America Act, the Dominion of Canada was formed, consisting of four provinces: Nova Scotia, New Brunswick, Québec and Ontario. Where "Canada" is used herein to refer to pre-confederation data this should therefore be taken to mean the region which comprised both Upper and Lower Canada (or West and East Canada).

Selected statistics for this period cover human population, agriculture and secondary industry. In addition, brief comments for specific socio-economic aspects of societal development follow.

At the time when Gourlay carried out his Statistical Survey of Upper Canada, 158 townships in Upper Canada had been incorporated into 8 districts (1798 Parliament)⁴. Property taxes from these same districts in 1811 amounted to only £4,133 16s 7d since crown revenue from customs duties were available to defray most provincial expenses.⁵ Following the War of 1812, however, additional duties had to be levied to meet rising costs and the expenses incurred in new programs and district reorganizations. The substantial increase in the provincial property tax is evident in the amount of local taxes collected in the selected years 1825, 1835, and 1845 which were reported as £10,235 8s 2d, £22,464 8s 4d and £76,291 10s 6d, respectively.⁶ Together with various other income such as customs and tonnage duties, the government's gross revenue for 1845 was quoted to be £573,730 3s 6d⁷.

In 1849, Government expenditure in the form of grants was £10,141 19s (revenue in that year amounted to £593,119 2s 1d) of which £6,371 14s were given towards the support of over 2,800 schools.⁸ Additional income, required by the school boards of the 20 districts that had, by then, been incorporated, was collected at the local level in a system of district taxation. The amount should also have been considerable since Smith reports that in 1850, one year later, £82,425 5s 6d was paid to the teachers of 151,891 pupils in 3,059 schools.⁹

The remaining portion of the government grants, £3,770 5s⁸, was paid out to Agricultural Societies, of which Smith had said:

"Agricultural Societies are established in every district. They are generally well supported and have been the means of improving the quality of stock in the province, by stimulating competition amongst the farmers. These societies receive liberal support from the Provincial Government, and, by the impetus they have given to farming operations, have caused a better system of husbandry to be introduced into many localities."⁹

The government's largest apportionment of funds was directed to public works, which totalled £3,520,087 13s 10d by 1849.¹⁰ Very considerable works had been carried out by then to open up the land to settlers and to facilitate trade. Trade routes, based on the Great Lakes and St. Lawrence, were expanded by canal building, the most important of which were the Welland and St. Lawrence Canals, each costing in excess of £1,000,000.¹¹ They made it possible for large ships to navigate from Lake Erie to the mouth of The St. Lawrence and to the Atlantic. Railway building had also commenced, about 1836, with the Laprairie-St. John's route, and peaked in the period before 1885.¹²

The Native population generally had very much less impact than during the French regime. Following the initial period of military conflict, when their loyalties were much needed, it became government practice to issue every Indian annual presents in the form of a quantity of equipment commensurate to his or her rank (chief, warrior, wife or child) and status (war disabled and widowed). The number of persons receiving presents each year in Upper Canada in the period 1834 to 1840 is reported as varying between 7,706 and 14,670.¹³ Annuities were also paid in this period upon the large tracts of Indian land. The Chippewas of Chenail Ecarte and St. Clair for example, numbering 1,129 persons, received an annuity of £1,100 for the surrender of 2,200,000 acres on April 26, 1825.¹⁴ They were left with 17,950 acres.¹⁵ Surrenders of land by the other bands were similar in kind. Native health suffered severely in these times as the incidence of consumption, contagious erysipelas, small-pox and alcoholism increased significantly.¹⁶

The health of the settler population was reported to have been generally satisfactory although the climate was termed "destructive to personal appearance".¹⁷ The settlers' major difficulty was in adapting to an entirely new environment to which many had only recently immigrated.

Immigrants landing at Québec City numbered 12,500 in 1819, (about half of whom moved on to Upper Canada) and in the 1816–20 period another 27,000 immigrants were estimated to have entered Upper Canada.¹⁸ The mid 19th century Census figures indicate how substantial was the impact of immigration. Lower Canada's 1844 population by place of birth was given as follows: French Canada 524,244; English Canada 85,660; United States 11,946; England 11,895; Ireland 43,982; Scotland 13,393; other 1,329; birth place not given 4,635.¹⁹ In Upper Canada in 1851–52, the population by place of birth was:²⁰

Canada	Ontario, French	26,417	United States	43,732
	Not French	525,719		
	New Brunswick	2,634	Germany	9,938
	Nova Scotia	3,785		
	Newfoundland	79	France	1,007
England and Wales		82,699	Other	605
Ireland		175,963		
Scotland		75,811	Birth Place not given	1,574

During this period government had progressed from Royal Administration by governor to representative organization. However, although under the Constitutional Act, government consisted of a Representative Assembly elected by the people and an Executive Council, the latter retained financial control and could act independently of the elected representatives. Under this conditions there arose in each province a governing class or clique, known in Upper Canada as the Family Compact, which normally controlled the executive government and, by its control of nominations to the Legislative Council, was able to impose a veto on legislation as well. As a result, opposition to the act arose in the form of a Liberal movement. This was discernable before the war of 1812 and led in stages to armed rebellion in 1837 by radical Reformers under William Lyon Mackenzie. The rebellion collapsed, but it brought the complaints of the people to the attention of the imperial authorities, Lord Durham was appointed to investigate causes of the conflict.

In 1839 Lord Durham presented his 3 volume report to the British Government. This famous but controversial document was instrumental in producing very substantial reforms. Initially, these were to reunite Upper and Lower Canada under a combined administration and to grant conditions of responsible government in which the executive government was to be responsible to the legislature. The idea of self-government was opposed until Lord Elgin, Durham's son-in-law, agreed to abide by the decisions of the Assembly. At this time the foundations of our current party politics were being laid and the ideas of confederation expressed. Conferences in Charlottetown and Quebec City led to the development of the British North America Act, thus creating the federal union known as the Dominion of Canada. In this manner, in 1867, Canada had combined the advantages of central government with those of local autonomy, and had the organizational means available for sound political development embracing all the British colonies in North America.

Ontario After Confederation (1867–1979)

During this stage of the history of Ontario not only has Canada developed soundly as a vast nation but rapid technological and economic growth has continued from the latter part of the pre-confederation period, and many important legislative innovations have occurred. Canada's international status has grown (eg. as part of NATO and as an original member of the United Nations) and the nation is developing responses to personal issues that have arisen from this fast rate of growth. These matters are discussed below, technology is covered under the headings of "Industry" and "Transportation and Communications". This is then followed by comments on some of the Economic and Social factors.

Industry

The earliest industries to develop in Ontario were related to resources of the land. Sawmills and Grist Mills were initially very prominent. In the period 1851 to 1871 rapid industrial development occurred (see Table H-5). Business associated with clothing grew particularly quickly (Boots and Shoes, Tailors and Clothiers and Wool Cloth Making industries). As transportation corridors developed, industries of all types arose. There was a sharp increase in the number of horses per head of population and the effect of increased mobility is evident from the growth in the Carriage Making and Blacksmithing industries.

Remarks below show developments on four important manufacturing industries in Canada, supported in this century by an energy supply system which has increasingly used electrical power, originally from relatively inexpensive hydraulic sources.

Initially, the Canadian forest industries supplied British naval dock-yards in Canada and by 1800, Canadian timber reached the British consumer market. This export trade was enhanced as a result of the Napoleonic blockade of Continental Europe and later due to the Commonwealth preferential tariff. As North America became settled, the domestic market and the U.S. export market began to grow. By mid 19th century, with the Reciprocity Treaty in effect, the lumber and sawlog trade with the U.S. was flourishing. The cut of red and white pine lumber from Crown Lands in Ontario peaked in 1970 with approximately 5.4 million cubic metres being cut. In the twentieth century there was a dramatic growth in pulp and paper mills. Between 1910 and 1925 there was a 700 per cent growth in exports to the U.S. with 1925 exports totalling \$89.1 million. By 1952, factory shipments had increased to \$343 million and by 1962 to \$509 million. In 1963, the newsprint trade with the U.S. was valued at \$636 million.²¹

Textiles was an important industry in Ontario. By 1871, Ontario woollen and cotton textile mills employed 5.2 per cent of the Ontario labour force in manufacturing, while wool cloth making was the seventh largest manufacturing industry by 1870²². These industries enjoyed considerable growth in the 1850's and 1860's due to improved transportation to the U.S. markets. During the American Civil War, Ontario was one of the primary suppliers of cotton textiles to the northern states, their cotton supply from the southern states having stopped. The abrogation of the Reciprocity Treaty in 1866 and the end of the Civil War caused many hardships for the Canadian textile industry. The American industry made a remarkable recovery and left the Canadian industry with mills that, even as late as 1882, could still produce enough common class of cotton to meet the needs of twice the Canadian population. This situation was slowly remedied as many manufacturers bought new machinery to diversify their range of products, and as some plants were amalgamated. The result of fewer, larger mills was increased efficiency, lower prices and better wages. In 1925, synthetic textile production began in Ontario along with a modernization of existing plants and in 1942 nylon production was commenced. Following a decline in the 1950's, another equipment modernization phase occurred and economic conditions for the industry improved such that the cotton and wool textiles output recovered to their 1949 levels of production. Also, synthetics production rose from 185 per cent of 1949 production in 1961 to 300 per cent in 1964²³.

More recent important industrial developments in Ontario have been in the form of steel production and automobile manufacturing. Initial attempts at steel production in Ontario began in 1800. However, due to the pioneer economy of the time and its consequent lack of resources and population, there was little support for an iron and steel industry. It was not until 1879 that a national steel industry received encouragement through tariff protection. Subsequently, by 1895 the first blast furnace in Ontario was built in Hamilton in 1897, a steel plant was added and by 1900 the first open-hearth steel was produced. By 1905, an estimated 150,000 net tons of crude steel was produced. By 1940, this figure had increased to 1,512,000 net tons and by 1962 it had reached 5,963,000 net tons²⁵.

The motor vehicle industry in Ontario began in Windsor in 1904²⁴ when "a group of Canadian businessmen obtained the rights to produce and distribute Fords in the British Empire outside the U.K. . . ." In its first year, it produced 117 vehicles and scored a success in 1908 with the introduction in Canada of the "Model T". With healthy economic conditions prevailing in the early 20th century, many former carriage-makers and others turned to manufacturing automobiles. It was soon evident that the Ontario motor vehicle was an extension of the American industry and Ontario became primarily engaged in component parts manufacturing. In 1914, the assembly line technique of mass production was introduced and within a decade the Canadian industry was committed to the volume production of mass-market cars. In 1917, the industry produced 93,810 units and by the mid 1920's this had risen to well over 200,000 units. In 1929, 262,000 units were produced with 101,000 of those being for export. The depression of the 1930's saw stagnation in the industry and production ran at 15 per cent of capacity in 1932. Between 1933 and 1937, the value of production increased 220 per cent. World War II brought a demand for all forms of wheeled or tracked vehicles and Canada supplied this demand. For instance, in 1942, 216,000 vehicles of over 100 different types were produced for the Commonwealth war effort. The post-war reconversion was spurred by demand for all types of vehicles and by 1948, the 1929 production had been surpassed with 264,000 units turned out²⁵.

Transportation and Communication

From the earliest times transportation has been of utmost importance in developing Canada. Initially the birch-bark canoe provided invaluable service – but technology has enabled us to make a very much more extensive use of Canada's expanse of inland waterways. Canal building to facilitate larger vessels to navigate the St. Lawrence and the Great Lakes has provided great economic benefit. Initially during this period transportation improvements were centred on attracting lake traffic away from American ports (primarily New York via the Erie Canal) and directing it along the St. Lawrence. To this end, the Welland Canal, originally opened in 1829, was deepened to 4.27 metres, the St. Lawrence canals were improved to handle all the needs of existing lake vessels and a canal was built at Sault Ste. Marie to handle the wheat of Western Canada²⁶.

In 1913, the first official move toward improvement of the St. Lawrence came from the U.S. when they adopted a resolution to enter into negotiations with Great Britain for improvement of navigation in the St. Lawrence. After much delay in starting construction the project was finally completed in 1959 thereby allowing ocean-going vessels to advance as far as Thunder Bay.²⁷

Roads were originally required for military purposes. Regular troops and militia built such roads as Dundas Street and Yonge Street, and as government assistance for road building was meagre, the construction and operation of toll-roads and bridges became common.²⁸

With the coming of the railways and the improvement in lake and canal transportation, the roads fell into disrepair for several decades. In 1894, the Ontario Good Roads Association was organized and they encouraged the Ontario Government to make changes and improvements. In 1896 a "Provincial Instructor in Road Making" was appointed, and in 1901 the Highway Improvement Act was passed. This act provided for a one million dollar a year Government subsidy to be granted to organized counties to cover one-third of the cost of improvement of roads so as to meet Government Standards. In 1917 the Toronto-Hamilton Highway was begun thereby initiating modern roadways in the province. In 1930, the "King's Highway" system came into being and by 1945 there were 12,297 km. of roads in the system and 13,776 km. of county roads.²⁹

One of the major reasons for improvement of roads in the province was the introduction of the automobile. Licensing of motor vehicles in Ontario began in 1903 when 178 automobiles were registered. By 1930, the number had risen dramatically to 490,906 with total motor vehicle registration of 562,506. By 1960, the total registration of motor vehicles had reached 2,062,484 of which 1,640,346 were for automobiles and 320,190 for trucks, trailers and buses.²⁹

Railways, facilitated rapid land transportation of freight and passengers, and were able to link parts of Canada for greater economic and political unity. During the 1850's 3,219 km of railway track were laid in Ontario. By 1916, there were 17,788 of single track. Since 1916, the number of kilometres of operational track has varied slightly from year to year but a general trend toward fewer kilometres was apparent by 1939 when there were 17,009 km of track, which had further decreased to 15,782 km of main line by 1976.²⁸ This decline has come about due to competition from much improved road transportation and from air transportation. In 1937, Trans-Canada Airlines (TCA), the forerunner of Air Canada, was incorporated under the Trans-Canada Air Lines Act and started commercial operations between Vancouver and Seattle with 3 planes. By the end of 1937, total TCA personnel numbered 71 and aircraft totalled 6. By 1938, the staff numbered 332 and the number of operational aircraft was 14. Air mail service was added to the passenger service in 1938 and by 1939 this service had been extended from Vancouver to Moncton. (Air mail service had initially begun in 1927 and by 1929 mail was being transported by air from Fort McMurray, Alberta to Aklavik, N.W.T.). Transcontinental air passenger service came into being on April 14, 1940 and on July 22, 1943. Canadian Government Trans-Atlantic service was inaugurated.

Canadian Pacific Air Lines came into being in the early 1940's through an amalgamation of a number of companies which had been servicing the mining industry in northern Canada. They have since expanded to become the second largest domestic carrier in Canada.

Telecommunications, providing means for transmitting large volumes of fast messages over long distances, have added considerably to human capabilities in business and social development.

Alexander Graham Bell's telephone patents were granted in 1877, and Bell Canada was formed in 1880. As early as 1878, the first Canadian telephone exchange was installed in Hamilton, Ontario.³⁰ Telegraphy was used even earlier, the Canadian Telegraph Company being formed in 1846 to connect Toronto and Hamilton with the United States lines through Buffalo.³¹ As electronics came into its own, there were significant changes in the activities of society resulting from the introduction of radio, television, and various data recording and information handling techniques. Most evident among these changes has been the considerable expansion in the dependance of our economy on access to knowledge and to ways for manipulating information. In recent times, this has frequently become the main determinant of success in commerce and in industry.

Economic Change and Development

During the 1850's and 1860's Canada was in an economic boom with the building of railroads and industry developing to meet the needs of new immigrants. Raw materials were found and extracted eg. copper, north of Lake Superior (1845), gold in Hastings county (after 1866), iron along the Rideau River (after 1855) petroleum and phosphate near Petrolia (1859 and after 1863 respectively) and salt near Goderich (1866). These resources assisted in expanding further settlement and increased national wealth. The Reciprocity Treaty of 1854 with the U.S. further aided development in Ontario. Under its terms, natural products (forest, farm and mineral) were freely traded. The Crimean War contributed in driving the price of wheat upwards. After the war, which ended in 1856, the price of wheat fell and an economic depression set in. This was further aggravated by the wheat midge infestation that destroyed an estimated 8 million bushels of wheat in 1858. The Canadian farmer realized then that concentrated wheat production was not sufficient, other crops had to be considered. Despite this, the peak of wheat production in Ontario did not occur until the 1880's.³² By that time, R. L. Gentilcore indicates that yields had declined in the older areas of the province due to continuous production without fertilization.³³

The abrogation of the Reciprocity Treaty in 1886 by the United States and the Wall Street collapse of 1873 had marked effects on the Ontario economy. The end of the Treaty was not as harsh as may have been expected due to immigration and the consequent increased domestic market, but the collapse of the stock market signalled the beginning of a decline which lasted until the 1880's. During this decline, there was a substantial drop in demand in Canada and the U.S. for Canadian pure bred cattle. All prices fell, there was a decline in western development, a drop in foreign trade and a local market too small to absorb the growing production capacity of Canadian industry.³⁴

In the early 1880's, the crews involved in clearing and grading for the Canadian Pacific Railway discovered evidence of large copper-nickel deposits in the area around the Sudbury Basin and mining production began in the area in 1887. Production all along the run of the Sudbury Basin helped to create a more buoyant economy and, when a method was discovered in the last decade of the 19th century to make armour-plate by alloying steel and nickel, the deposits, initially valued for their copper became much more significant due to the nickel. Discovery of silver in 1903 in northeastern Ontario helped to open that area of the province and, in very short order, the town of Cobalt was formed.

From a total value from mining of \$8.7 million in 1900, the industry has steadily increased its value of output over the intervening years with a slight setback during World War II. By 1929, the value of production in Ontario had increased to \$61 million and after a brief decline in 1935 the industry rebounded to hit a new high of \$112.7 million in 1937. The more recent fluctuation in the industry is evidenced by five years of decline in value of production in the early 1940's (low \$106.8 million in 1946) followed by four years of increased production to a new high of \$161 million in 1950. In 1950's value of production was generally high but in the early 1960's and 1970's slight drops in value of production occurred. However, since 1950 the trend has been upward.

For the latter part of the 19th century and the beginning of the 20th, development of Northern Ontario and formation of the Hydro Electric Power Commission of Ontario provided examples of steady growth. During World War I industry expanded, and the new Ontario Hydro grew in response to industry's demand. In 1920 Hydro's substantial expenditure and electric-train projects led to a Royal Commission to enquire into Hydro's affairs.

Further help was provided to industry when the Ontario Research Foundation was established to accelerate the development of Ontario's natural resources. By 1930, the economy was slowing down as the "Great Depression" took hold. For several years unemployment and economic hardship were common. Road building programs were created to reduce unemployment, and the Department of Municipal Affairs was created to assist local governments in solving depression-induced problems.

World War II found Ontario solidly behind Britain. The war effort led to some neglect in highway construction and housing programs which required considerable effort to correct, but this led to a period of rapid development. Tourism was encouraged soon after the war, and in the 1950's, with the population growing rapidly new and expanded communities were created. Ontario became more urbanized. Major highways were needed and were constructed. The demand for electrical power was expanding so that in the late 1950's dependable peak power capacity Ontario Hydro required was five times the level in 1945.³⁵ In the 1960's, Ontario's growth rate was kept high - population increase was boosted by a high immigration rate, and the period of economic expansion continued.

Social and Environmental Aspects

The rapid technological changes and economic development provided society with the benefit of considerable physical comfort, the potential for a more aesthetic "built-environment", and an enormous diversification of consumer products (with increasing fragmentation of product types). This has not occurred, however, without escalating problems which were rarely of concern as recently as two decades ago.

As production has increased to meet the demand for all the goods to which we have become accustomed, a number of conditions have arisen which are symptomatic of the coupling of our socio-economic system with our level of scientific and technological capability (the basic industrial era paradigm reported by Harman).³⁶ In Canada, foremost among these symptoms have been depletion of natural resources (vividly illustrated by the energy crisis); air, water and land pollution; and negative factors affecting the human condition resulting in increased unemployment, crime, tension and stress. Public reaction to these factors have been reflected in the growing legislation which is relevant to conservation of natural resources, pollution matters, reduction of environmental impact, and consumer protection.

The benefits of technology to man have been helped and paralleled by advances in social legislation and management in the human rights, welfare and health fields. Great strides have been taken in the application of medical science. These are well portrayed by the relevant social indicators, and perhaps most notably, by the decreasing infant mortality rate and by life expectancy statistics. The importance of the Canadian medicare schemes in bringing health-care to a very large percentage of the population at relatively low cost should be noted.

Other legislation passed in Ontario which is of considerable social significance covers such matters as:³⁷

- Non-discrimination in wages and access to public facilities;
- Working conditions and vacations for itinerant workers;
- Mother's allowances;
- Pensions for the blind; and
- Aid for the handicapped.

Trade unions have been involved with government in improving the quality of worklife. Through trade union efforts a national pension plan was introduced, collective bargaining became a reality and improved industrial safety legislation has been enacted.³⁸

The introduction and use of the automobile and other vehicles using paved roads also caused important social changes. People generally were made much more mobile and urban-centred development was intensified. Ontario has undergone a number of changes since Canada became a reality 112 years ago. Periods of economic depression have alternated with expansion and boom conditions and there have been many changes in the way of life. Such life-style change is continuing in the economic sphere, (as shown, for example by changing emphases in family expenditure) as well as in the social sphere, (illustrated by marriage, divorce and birth-rates), and is perhaps indicative of an even more fundamental change at the psychological level.³⁹

Footnotes

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Table H-1**New France – Population and Livestock Counts, Selected Years, 1665–1754¹**

Year	Population			Livestock			
	Total	Males	Females	Horses	Horned Cattle	Sheep	Swine
1665	3,215	2,034	1,181	..	..	..	..
1685	10,725	5,897	4,828	156	7,474	787	..
1706	16,417	8,552	7,865	1,872	14,191	1,820	..
1721	24,951	11,936	13,015	5,603	23,388	13,823	16,250
1734	37,716	19,049	18,667	5,056	33,179	19,815	23,646
1754	55,009	..	..	..	..	..	..

1. Population for New France and other North American colonies is available for some years dating from 1605. For selected years prior to 1665, the populations for New France were as follows: 44 in 1605; 28 settlers wintered at Québec in 1608; 60 in Québec in 1620; 76 in 1628; 240 in 1641; and 2,500 in 1653. For selected years for Newfoundland and Acadia, populations were as follows: 62 wintered in Nfld. in 1613; 32 wintered in Nfld. in 1622; 73 French in Plaisance, Nfld. in 1671; 441 in Acadia in 1671; 515 in Acadia in 1679; 155 French in Nfld. in 1691; 377 English in Nfld. in 1692; 1,009 in Acadia in 1693.

Source: 1871 Census of Canada.

Table H-2**Population and Dwellings – Upper and Lower Canada (Ontario and Québec), Selected Years, 1765–1931**

Year	Province	Total Inhabited Dwellings	Population	Males	Females
1765	Upper Lower	12,230 ¹	69,810 ¹	28,316	26,794
1784	Upper Lower	28,924	113,012 ²	54,064 ³	50,759 ³
1825	Upper Lower	.. ..	157,923 479,288	83,810 105,807 ⁴	74,113 117,086 ⁴
1850–51	Upper Lower	145,856 123,983	952,004 890,261	499,067 449,967	452,937 440,294
1871	Ontario Québec	286,018 180,615	1,620,851 1,191,516	828,590 596,041	792,261 595,475
1891	Ontario Québec	406,948 246,644	2,114,321 1,488,535	1,069,487 744,141	1,044,834 744,394
1911	Ontario Québec	529,190 340,196	2,527,292 2,005,776	1,301,272 1,012,815	1,226,020 992,961
1931	Ontario Québec	792,047 536,383	3,431,683 2,874,255	1,748,844 1,447,124	1,682,839 1,427,131

1. Census did not include an estimated 2,300 dwellings nor 14,700 people in Québec and Montréal. These estimates are included in these figures.

2. Census did not include an estimated 10,000 United Empire Loyalists in Upper Canada who are included in this figure.

3. Does not include 8,189 who did not state their sex for the census.

4. Does not include 254,945 children with no sex stated and 1,450 temporarily absent.

Source: Censuses of Canada.

Table H-3
Population by Region, Ontario, Selected Years, 1851-1931

Region ¹	1851	1871	1891	1911	1931
North Eastern	-	9,930	60,976	175,505	277,612
North Western	-	438 ²	15,194 ²	69,432	108,396
South Western	193,507	495,294	612,053	581,710	683,378
Central	475,143	723,586	940,949	1,191,973	1,805,141
Eastern	283,354	391,603	485,149	508,672	557,156
Ontario Total	952,004	1,620,851	2,114,321	2,527,292	3,431,683

1. Planning region. These regions are used to minimize the effect of any boundary changes and consequent county-level discrepancies.

2. Excludes the District of Patricia which was part of the Northwest Territories until Ontario obtained it in 1912.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Central Statistical Services, from data in the Censuses of Canada.

Table H-4
Agriculture - Upper and Lower Canada, (Ontario and Québec), Selected Years, 1765-1931

		'000's of Acres Culti- vated	Field Crops			Livestock			
Year	Province		Wheat	Oats	Barley	Horses	Cattle	Sheep	Swine
			'000's of bushels						
1765	Québec	781 ¹	180 of all grains were sown.			13,488	37,480	28,022	28,562
1784	Québec	1,303 ¹	383 of all grains were sown.			30,146	98,591	76,497	70,465
1827	Upper	646	..	..	..	25,228	94,539	..	..
	Lower	832 ¹	2,921	2,442	363	142,432	260,015	829,122	241,735
1851-52	Canada W	3,706	12,683	11,395	625	201,670	552,124	967,168	571,496
	Canada E	3,605	3,074	8,977	496	148,620	479,524	648,665	256,794
1860-61	Canada W	6,052	24,620	21,221	2,822	377,681	915,673	1,170,225	776,001
	Canada E	4,804	2,654	17,551	2,282	248,515	615,981	682,829	286,400
1871	Ontario	8,834	14,233	22,139	9,461	489,001	1,355,233 ²	1,514,914	874,664
	Québec	5,704	2,058	15,116	1,668	253,377	735,114 ²	1,007,800	371,452
1881	Ontario	11,294	27,406	40,210	14,280	590,298	1,678,904 ²	1,359,178	700,922
	Québec	6,410	2,019	19,990	1,752	273,850	981,096 ²	889,833	329,199
1891	Ontario	14,158	21,315	47,160	13,419	771,838	1,928,249 ²	1,021,769	1,121,396
	Québec	8,671	1,568	16,906	1,506	344,290	923,636 ²	730,286	369,608
1911	Ontario	13,653 ³	19,845 ⁴	89,936 ⁴	14,085 ⁴	812,214	2,501,536	742,188	1,887,451
	Québec	8,162 ³	932 ⁴	33,804 ⁴	2,340 ⁴	371,571	1,423,269	637,088	794,351
1931	Ontario	13,273	14,054	76,283	13,949	577,322	2,514,344	1,044,624	1,359,176
	Québec	8,994	554	32,861	1,948	301,419	1,707,409	733,684	728,210

1. Original figures were given in arpents; the conversion factor used was 1 arpent = .83 acres.

2. Includes milch cows and other horned cattle. Does not include oxen.

3. Acres of improved land was defined for the first time as "land which has been brought under cultivation and has been cropped and is fitted for producing crops". In previous censuses no clear definition was applied and, as a result, non-tillable areas used as pasture were included under this heading. Owing to the restriction in definition, the 1911 census and those following are not strictly comparable with the censuses previous to 1911.

4. 1910 crop year.

Source: Censuses of Canada.

1851

1871

Industry	Upper Canada			Lower Canada			Ontario			Québec		
	Number of Establishments	Number of Employees	Number of Establishments	Number of Establishments	Number of Employees	Capital Invested	Number of Establishments	Number of Employees	Capital Invested	Number of Establishments	Number of Employees	Capital Invested
Agricultural Implements	..	..	..	..	2,143	821,242	173	2,143	\$	65	378	\$ 278,860
Bakeries	..	..	..	..	385	466,462	385	1,239	492,864	471	1,160	492,864
Blacksmithing	..	..	..	..	2,894	812,070	2,894	4,810	638,202	2,129	3,311	638,202
Boots and Shoes	..	..	..	..	1,965	1,016,067	1,965	6,354	1,839,417	1,419	9,865	1,839,417
Breweries	50	118	13	105	536	849,640	105	536	636,500	26	342	636,500
Cabinet and Furniture	..	..	..	..	536	1,203,801	536	2,769	564,108	218	1,108	564,108
Carding and Filling Mills	147	213	193 ³	158	338	280,650	158	338	326,606	323	546	326,606
Carriage Making	..	..	..	1,421	4,780	1,162,327	1,421	4,780	522,015	841	2,118	522,015
Distilleries	102	168	7	18	421	657,200	18	421	80,000	1	45	80,000
Flour and Grist Mills	692 ⁴	1,150	541 ⁴	951	2,759	5,797,853	951	2,759	3,461,723	810	1,506	3,461,723
Foundries and Machine	..	..	..	..	4,686	2,403,480	258	4,686	735,775	111	1,862	735,775
Working	97 ⁵	925	38 ⁵	186	598	116,946	267	598	38,470	252	347	38,470
Pot- and Pearl-Ash Asheries	51	..	..	..	1,784	981,060	191	1,784	900,050	68	1,241	900,050
Printing Offices	..	..	..	..	..	..	..	..	..	..	..	..
Sash, Door and Blind	..	..	..	..	..	..	..	..	..	..	..	..
Factories	..	..	..	..	156	553,505	156	1,548	299,241	41	705	299,241
Sawmills	1,567	3,670	1,065	1,837	13,851	7,382,654	1,837	13,851	4,859,607	1,708	11,848	4,859,607
Ship and Boatyards	8 ⁶	..	12 ⁶	48	522	142,583	48	522	491,625	94	2,271	491,625
Tailors and Clothiers	..	..	..	..	942	998,313	942	6,248	521,928	359	3,193	521,928
Tanneries	222	458	204	426	1,584	1,013,745	426	1,584	1,056,147	420	1,735	1,056,147
Tin and Sheet Iron	..	..	..	..	..	..	..	..	..	..	..	..
Working	74	632	18	233	3,696	456,142	440	1,251	260,286	261	819	260,286
Wool Cloth Making	388	..	123	5,639	25,364	2,254,706	5,639	25,364	398,208	4,144	21,758	398,208
Other	..	..	..	..	..	8,503,564	..	..	9,670,436	..	..	9,670,436
Totals	3,398	..	2,400	19,043	87,281	37,874,010	19,043	87,281	28,071,868	13,822	66,714	28,071,868

1. The major industries in 1851 are reported with a comparison for 1871. The industries listed also include all those which employed more than 1,000 people and had more than \$400,000 capital invested in Ontario in 1871.

2. Statistics for numbers of establishments are available for some years prior to 1851. Some selected years' statistics are as follows: 1827 - Lower Canada, Grist Mills - 324, Sawmills - 565, Carding and Filling Mills - 170, Paper Mills - 3, Breweries - 19, Distilleries - 31, Foundries - 4, Hat Manufacturers - 9, Pot- and Pearl-Ash Asheries - 305, Potteries - 46, Shipyards - 51, and Tanneries - 74, 1831 - Lower Canada, Grist Mills - 393, Sawmills - 727, Carding and Filling Mills - 187, Oil Mills - 14, Iron Works - 102, Foundries - 18, Distilleries - 70, Pot- and Pearl-Ash Asheries - 489, Others - 76, 1833 - Upper Canada, Grist Mills - 307, Sawmills - 724, 1836 - Upper Canada, Grist Mills - 372, Sawmills - 902, 1839 - Upper Canada, Grist Mills - 420, Sawmills - 930, 1842 - Upper Canada, Grist Mills - 414, Oatmeal Mills - 63, Barley Mills - 41, Carding and Filling Mills - 330, Oil Mills - 48, Paper Mills - 14, Sawmills - 897, Threshing Mills - 996, Iron Foundries - 22, Trip Hammers - 10, Breweries - 96, Distilleries - 147, Nail Factories - 6, Pot- and Pearl-Ash Asheries - 1,021 and Tanneries - 261, 1844 - Lower Canada, Grist Mills - 422, Sawmills - 911, Barley Mills - 45, Oatmeal Mills - 108, Carding and Filling Mills - 322, Threshing Mills - 469, Oil Mills - 14, Foundries - 69, Trip Hammers - 18, Nail Factories - 6, Distilleries - 36, Breweries - 30, Tanneries - 335, Paper Mills - 8, Pot- and Pearl-Ash Asheries - 540, and Other - 86.

3. Carding Mills only.

4. Grist Mills only.

5. Foundries only.

6. Shipyards only.



Index

- Agriculture, 423
 - area of farms, 425
 - cash receipts, 435, 437
 - exports, 438
 - farm enlargement statistics, 426, 431
 - farm operating expenses, 434
 - income, 433, 435, 444
 - investment, 557
 - labour force, 315
 - production, 427, 429, 438, 439, 440, 441, 444, 445
 - share of census value added in goods producing industries, 541, 542
- Agriculture products, 427, 429
 - index of farm prices, 369, 375, 376
 - sale of, 437
- Air pollution, 14, 23, 25
- Aircraft movements, 581, 585, 587
- Alcoholism
 - death rates, 155
 - prevalence, 155
- Apartment buildings,
 - completions, 272, 273
 - vacancy rates, 266, 274
- Appliances, electric, 265, 278, 279
- Automobiles,
 - households with, 266, 280, 281
 - see also Motor vehicles
- Average life expectancy, 119, 122

- Balance of payments, 419
- Banks; see Chartered banks
- Bath facilities, 265, 277, 291
- Beverages, alcoholic,
 - apparent consumption, 154
 - volume of sales, 121, 154
- Birthplace, 71, 72
- Births, 84
 - by age of mother, 83
 - by county, 84
 - live, 83
- Blind,
 - schools, enrolment in, 175
- Bonds,
 - federal, 401
 - issues and retirements, 385, 401, 402
 - marketable, 385, 401
 - provincial, 401
- Budget, 384, 390
 - revenue, 382, 383, 389
 - summary, 388
- Building materials, 377
- Building permits,
 - issued, 549, 568, 569
 - value of, 568, 569, 583
 - see also Construction; Dwellings, Housing
- Business failures, 410

- Cancer,
 - deaths, 120, 138
- Chartered banks,
 - assets, 404
- Cheques cashed, 385, 405
- Cigarette smokers, 121, 154
- Coal products, secondary energy from, 494
- Collective agreements, 336
- Construction, 550
 - building, 377, 549, 564
 - cost of materials used, 566
 - employment, 317, 320
 - engineering, 565
 - expenditures, 551, 555, 557, 561
 - investment in, 548, 552, 553, 555, 557, 561, 563
 - labour content, 566
 - material price index in, 377
 - share of census value added, 541, 542
 - value of work performed, 548, 549, 564, 565, 566, 567, 569
 - see also Apartment buildings; Building permits; Dwelling; Housing
- Consumer credit,
 - outstanding balances of selected holders, 387, 407
- Consumer price index, 265, 274, 368, 370
- Corporations, 386, 408, 409, 410
- Correctional institutions, 213, 237, 240
 - see also Prisoners
- Cost of living index; see Consumer price index
- Counties and Regions, 358, 359, 431, 461
 - births, deaths and natural increase, 84
 - census families, 107
 - doctors, 123
 - language, 61, 63
 - motor vehicle accidents, 244
 - nurses, 126, 127
 - per capita social service expenditures, 115
 - population by age, 47
 - population by marital status, 59
 - population projections, 39, 56
 - population by sex, 47
 - population, urban and rural distribution, 68
 - principal manufacturing statistics, 531
 - schools, teachers and enrolment by sex, 189
 - social services expenditures, 105, 114
 - tuberculosis, 140
- Crime, rates of, 212, 219, 221
 - see also Offences, rates
- Criminal charges,
 - offences, 214, 215
 - result of proceedings, 222, 224
 - trials, 224
 - see also juvenile delinquents; Offences
- Crowding, in housing, 267
- Crude oil,
 - import, 512
 - inter-region transfers, 512

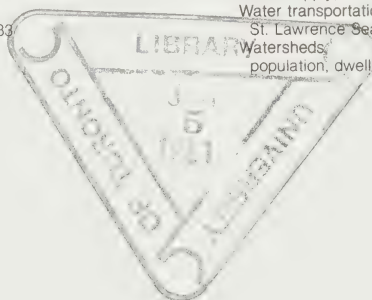
- pipeline movements, 512
 - production of, 512
- Deaf,
 schools, enrolment in, 175
- Deaths, 84, 94, 148, 155, 238
- alcohol-related, 155
 - by cause, 91, 92, 96, 120, 138, 139, 141, 213, 243, 244
 - by county, 84
 - by marital status, 88
 - by motor vehicle collisions, 213, 243, 244
 - by sex, 88, 92, 96, 138
 - infant, 80, 84, 89, 90
 - rates, 84, 87, 88, 90, 139, 155
- Degree Days, 12
- Dentists, 119, 129
- licenced to practice, 128
 - personal expenditures for services, 130, 131
- Department store sales, 421
- Diseases,
 cancer, 120, 138
 heart, 120, 138
 notifiable, 136, 137
 psychiatric, 146, 148
 rates, 137
 tuberculosis, 120, 139, 140, 141
- Divorces, 110
- rate, 104, 111
- Doctors,
 specialists, 123
 non-specialists, 123
see also Physicians; Occupations
- Drive-in theatres, 254
- Dwellings, 270
- by watershed, 11
 - completions, 272, 273, 550, 571
 - starts, 550, 571, 572, 573, 574, 575
 - tenure of, 269
 - type of, 269
 - under construction, 550, 571
 - see also* Apartment buildings; Building permits; Construction; Housing
- Earnings,
 average hourly in, 306, 319
 average weekly by industry, 353
 average weekly in manufacturing, 342, 354, 355
 average weekly in industrial composite, 342, 354, 355
 average weekly in mining, 342, 354
 minimum hourly, 342, 353
see also Income; Wages and salaries
- Education,
 academic salaries, 197
 by county and district, 189
 expenditures, 161, 162, 198, 200
 financial assistance to students, 198, 199
 grants, 203
 local taxation for, 200, 202
 manpower training, 177
see also Elementary schools; Enrolment in; Secondary schools; Blind, schools; Deaf, schools; Federal schools; Non-federal schools; Registration; Separate Schools; Universities
- Egg,
 disposition, 445
 production, 429, 445
- Electrical energy, 487
- distribution, 506
 - in index of industrial production, 540
 - installed generating capacity, 510
 - revenue, 508
 - sales, 508
 - share of census value added in goods producing industries, 541, 542
- Electricity,
 generation of secondary, 494
 primary, 488, 491
- Elementary school,
 enrolment, 159, 164, 165, 167, 172, 188
 teachers, 159, 187
- Employment, 299, 309, 320, 325, 326
- index numbers of, 320, 321
 - as percentage of population, 311
 - see also* Labour force
- Energy, 487
- commodity conversion, 496
 - consumption, 488, 489, 495, 496, 497
 - demand of primary, 490, 503
 - generation of, 488, 504, 510
 - Ontario Hydro sales, 502
 - program funding allocations, 519
 - secondary, 492, 494
 - share index of consumption, 518
 - supply of, 489, 503
- Enrolment in,
 adult training, 176
 minority language, 176
see also Blind, schools; Elementary schools; Federal schools; Non-federal schools; Secondary schools; Separate schools; Universities
- Environment, 3
- objectives, 21
 - pollution of, 14, 16, 17, 22, 23, 25, 27
 - protection activities, 28, 29, 30, 31, 32, 33, 34
- Ethnic group, 41, 72, 73
- Expenditures,
 budget dollar, 384
 dental service, 150
 education, 161, 162, 198, 199, 200, 203
 health, 130, 131, 150, 152, 153
 national, gross, 368
 provincial, gross, 344
 social services, *see* Social service expenditures
 tax dollar, 383, 393
 travel, 250
see also Municipal Revenue Fund
- Exports, 413
- agriculture and food, 438
 - by commodity, 418
 - domestic, 417
 - merchandise, 417, 419
 - of fuel and electricity, 491
 - price index, 369, 372
 - total, 413, 414, 416, 418
- Families, 104, 107
- by county, 107
 - by number of children, 106
 - by size, 106
 - dependency ratio, 71
 - income, 349, 350, 352
- Farm, 425
- capital, 427, 432
 - cash receipts, 435, 437
 - enlargement statistics, 426, 431
 - incomes, 433, 435, 437
 - operating expenses, 434
 - operations, 435
 - products, sale of, 437
- Federal schools, 162
- enrolment, 173
- Fertility rates, 79, 82
- Fish,

- contaminants in, 27
- Fisheries, commercial,
 - employment in, 449, 457
 - investment in, 449, 457
 - fish harvest, 448, 452, 453, 455
 - licences, 450, 456
- Flower production, 429, 446
- Foreign currencies,
 - convertible, 403
- Forest,
 - depletion, 475
 - fires, 466, 475, 476, 477
 - resources, 475
- Forestry, 466, 468, 472, 475
 - employment index, 321
 - investment, 557
 - share of census value added, 541, 542
- Freight, revenue, 592
- French,
 - as a second language, 206
- Fruit production, 427, 441
 - acreage, 440
 - value, 437, 440
- Fuel,
 - heating, 265, 274, 276
 - primary, 488, 491
 - production value of, 481
 - quantity of, 481
 - ratio to value of shipments of goods, 520
 - secondary, 492, 494
- Fur,
 - farms, licenced, 461
 - pelts, 451, 459, 460, 461
- Goods producing industries,
 - share of census value added, 541, 542
- Grants, for education, 203
- Great lakes, 11
 - pollution, 17, 27
- Gross National,
 - expenditure (GNE), 368, 373
 - product (GNP), 540
- Gross Provincial,
 - expenditure (GPE), 344
 - product (GPP), 341, 343
- Handicapped,
 - education of, 162, 175
- Hauled Industrial Waste, 16
- Health,
 - expenditures on, 130, 131
 - insurance, 150, 152, 153
 - mental, 142, 143, 144, 145, 146, 147, 148
- Heart diseases, deaths from, 120, 138
- Heating fuels, 265, 274, 276
- Highway,
 - mileage, 579, 583
- Homes, vacation, 251
- Horticultural,
 - production, 429, 446
- Hospitals,
 - bed capacity, 132
 - by size, 132
 - by type, 132
 - operating expenses, 134
 - separations and days of care, 134, 135
- Hotels,
 - beds, 255
 - employees, 255
 - nature of rooms, 256
 - receipts, 256
 - salaries, 255
- Hours worked,
 - average weekly in manufacturing, 318, 319
- Household, 266, 270, 280
 - facilities and equipment, 250, 251, 252, 265, 279
 - 276, 277, 279, 282, 283, 284, 285, 286
 - size, 268
 - with electrical appliances, 265, 278, 279
- Housing,
 - crowding, 267
 - investment in, 557, 563
 - on Indian reserves, 76
 - ownership, 265, 269, 274
 - price, 265, 274, 378
 - rent index, 265, 274
 - stock, 267
 - tenancy, 265, 269, 274
 - see also Apartment buildings; Building permits; Construction; Dwellings
- Hunting,
 - harvest, 450, 459
 - licences sold, 474
- Immigration,
 - country of last permanent residence, 98, 99
 - intended destination, 81, 97, 99
 - intended occupation, 100
 - jail population released to, 238
- Imports, 413
 - by commodity, 418
 - merchandise, 417, 419
 - of fuel and electricity, 491
 - price index, 369, 372
 - total, 418
- Income,
 - of families, 349, 350, 352
 - of farm operators, 435
 - of unattached individuals, 349, 350, 352
 - personal, 341, 345, 346, 347
 - personal disposable, 348
 - provincial, 341, 343, 383
 - taxable, 358
 - total, 358
 - see also Earnings; Wages and Salaries
- Indian reserves, 76
- Industry,
 - employment index, 320, 321
 - index of production, 525, 540
 - job vacancies by, 331
 - labour force, 317
 - material price index, 377
 - real domestic product, 527, 543
 - average weekly earnings, 353
- Injury, self-inflicted, 92, 94, 96
 - see also Suicides
- International labour organizations,
 - distribution of membership, 335
- Investment,
 - capital, 548, 551, 552, 553, 555, 557, 561
 - repair, 551, 555, 557, 561
- Job vacancies,
 - full-time, 329, 331
- Juvenile delinquents, 236
 - by age and sex 213, 235
 - charges, 233, 234
 - disposition of cases, 234
 - training schools, 231, 237
 - see also Criminal charges; Offences
- Labour force, 161, 304, 308, 317, 320
 - agriculture, 309, 315
 - growth in, 309
 - non-agricultural, 309, 315, 316

- participation rates, 305, 309, 312, 313
- persons in and not in, 314
- see also* Employment
- Labour organizations, 334, 335, 336
- Language,
 - in broadcasting, 292, 293
 - in education, 172, 176, 188, 205
 - mother tongue, 40, 62
 - official, 61
- Licences,
 - angling, 452
 - commercial fishing, 450
 - hunting, 458
- Liquid industrial wastes, 16
- Livestock, 428, 442
- Low income, 349, 352
- housing starts, 575
- Machinery,
 - expenditures, 547, 555, 557, 561
 - investment, 552
- Magazines,
 - circulation of, 297
- Manufacturing,
 - average hourly earnings, 306, 319
 - employees, 469, 471, 523, 526, 527
 - employment index, 321
 - energy consumption, 497
 - fuel and electricity, cost of, 469, 471, 520, 527, 531
 - hours worked in, 318, 319
 - investment in, 548, 553, 557, 561, 563
 - materials and supplies, 469, 471, 527, 531, 535
 - ownership, 533
 - real domestic product, 525, 543
 - share of census value added, 541, 542
 - value added, 469, 471, 524, 526, 527, 531, 535
 - value of shipments, 469, 471, 524, 526, 527, 531, 535
 - wages and salaries, 342, 354, 355, 524, 526, 527, 531, 535
- Map of Ontario, 8, 37, 425, 487, 523, 537
- Marriages, 110
 - by age of bride and groom, 108
 - by selected municipality, 109
 - rates, 104, 111
- Mental facilities,
 - average daily population, 145*see also* Psychiatric inpatient facilities
- Merchandise trade, 413, 417, 419
- Mileage,
 - highway and road, 579, 583
 - municipal road, 579, 583
 - road and street, 579, 583
- Milk,
 - farm value, 444
 - production, 444
 - utilization of, 444
- Mineral production,
 - quantity of, 479, 480
 - value of, 467, 478, 479, 480
- Mining, 342, 354
 - employment index, 321
 - investment, 557
 - quantity of, 479, 480
 - share of census value added, 541
 - value of, 467, 478, 479, 480, 496
- Mortality; *see* Death
- Mortgage,
 - conventional, 387
- Mother tongue, 40, 62
- Motion picture theatres, 253
- Motor vehicles, 535
 - collisions, 213, 243, 244
 - production, 524, 539
 - registrations, 579, 582, 596*see also* Automobiles
- Municipal Capital Fund, 398
 - by upper tier, 399
- Municipal Revenue Fund
 - expenditures, 392
 - by upper tier, 395
 - revenues, 391
 - by upper tier, 397
- National labour organizations,
 - distribution of membership, 334
- National gas utilities, 516
- Newspapers,
 - circulation of, 295
- Non-federal schools,
 - enrolment of Indians in, 174
- Notifiable diseases, 136, 137
 - rates, 137
- Nurses, 119
 - assistants, 127
 - registered, 125, 126*see also* Occupations
- Occupations, 320
 - immigration by, 100
 - job vacancies by, 329
 - unemployed by, 328
- Offences,
 - actual, 212, 215, 219
 - charges, 214, 215
 - convictions, 212, 223
 - indictable, 222, 227
 - nature of, 214, 219, 222, 227, 235, 236
 - rates, 212, 219
 - sentences, 227*see also* Criminal charges; Juvenile delinquents
- Official language, 61
 - see also* Language
- Ontario Hydro,
 - customers served by, 489, 507, 508
 - energy sales, 490, 502, 508
- Paper production, 474
- Parks, provincial, 249
- Personal income, 341, 345, 346, 361
 - disposable, 348
 - per person, 347
- Petroleum,
 - pipeline movements, 514
 - secondary energy from, 492
- Physicians,
 - resident, 119, 124*see also* Doctors; Occupations
- Pipeline movements, 512, 514
- Pollution, 14, 16, 17, 22, 23, 25, 27
 - abatement and monitoring, 28, 29, 30, 31, 32, 33
 - 34
 - air pollution index, 23
 - in Great lakes, 17, 27
 - phosphorous, 17
 - sulphur dioxide, 10, 14, 21
 - suspended particulate matter, 10, 14, 21
- Population, 37, 39, 42, 66, 67
 - by age, 38, 43, 47, 55, 57
 - by birthplace, 71, 72
 - by ethnic group, 41, 73

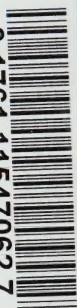
- by marital status, 58, 59
- by mother tongue, 62
- by official language, 61
- by regions and counties, 39, 47, 56, 59
- by religious denomination, 74
- by sex, 38, 45, 47, 55, 58
- by watershed, 11
- central city and suburban percentage, 67
- comparison to school enrolment, 204
- dependency ratios, 71
- natural increase in, 84
- projections, 39, 56, 57
- registered Indian, 40, 75, 76
- urban and rural distribution of, 68, 71
- Post-secondary, 162
 - certificates awarded, 184, 185, 187
 - diplomas awarded, 184
 - enrolment, 160, 176
- Poultry, 428, 442
- Precipitation, 9, 12
- Price indexes,
 - consumer, 265, 274, 368, 370
 - domestic export, 369, 372
 - farm, 369, 375, 376
 - for rents, 265, 274
 - housing, 378
 - implicit (in gross national expenditure), 368, 373
 - import, 369, 372
 - industrial, 374
 - non-residential building materials, 377
 - of agricultural products, 376
 - residential building materials, 377
- Prisoners, 240
 - by age and sex, 242
 - by type of institution, 213, 237
 - movement of jail population, 238
 - see also Correctional institutions
- Private schools, 162
 - enrolment, 164, 169
- Production,
 - agriculture, 444, 445
 - fruit, 427, 440, 441
 - horticultural, 429, 446
 - index of industrial, 525, 540
 - mineral, 467, 478, 479, 480
 - motor vehicle, 524, 539
 - paper, 474
 - primary forest, 466, 468
 - primary fuel and electricity, 481
 - vegetable, 438, 439
 - see also Gross National product; Gross Provincial product
- Provincial,
 - expenditure, 344, 382, 390, 394
 - income, 341, 343
 - revenue, 382, 389, 394
- Psychiatric inpatient facilities,
 - by type, 142
 - detention for insanity, 224
 - discharges, 147, 148
 - admission of delinquents, 234
 - first admission, 144
 - patients on the books, 143, 145, 146
 - readmissions, 144
 - see also Mental facilities
- Public libraries,
 - stock and circulation for, 289, 290
- Public education, 205
- Public schools, 162
 - enrolment, 159, 164, 166, 205
- Pulp and paper mills, 469, 474, 535
- Radio stations, 289, 293
- Raw materials price index, 376
- Recreation,
 - equipment, 250, 251, 252
- Regions, see Counties and Regions
- Registered Indians, 141
 - by age, 75
 - by sex, 40, 75
 - by location of residence, 76
 - enfranchisement of, 76
 - school enrolment, 173, 174
- Registration,
 - motor vehicle, 579, 582
- Religious denominations, 74
- Reserves, international, 403
- Retail trade,
 - sales, 414, 421
 - value of, 415, 420
- Revenue,
 - budgetary, 382, 389
 - budget dollar, 384
 - tax dollar, 383
 - see also Municipal Revenue Fund
- Road mileage, 579, 583
- Roundwood,
 - shipments, 473
- St. Lawrence seaway,
 - tonnage, and transits, 580, 589, 590, 591
- Sawmills and planing mills, 471, 535
- School boards, 205
 - operating expenditures, 200
 - provincial grants to, 203
- Separate Schools,
 - enrolment, Roman Catholic, 159, 171, 205
- Secondary schools,
 - enrolment, 159, 165, 167, 172, 205
 - certificates and diplomas awarded, 185
- Sewage treatment plants, 17, 22, 28, 29
- Social service expenditures, 105, 112, 113, 114, 115
 - by county, 114, 115
- Sport fish,
 - testing, 27
- Steel,
 - ingots and castings, production of, 525, 539
- Stock exchange (Toronto),
 - industrial index of, 386, 408
- Street mileage, 579, 583
- Strikes and lockouts, 307, 337
- Structural materials,
 - quantity of, 481
 - value of, 481
- Suicides, 92, 94, 96
- Sunshine, hours of bright, 9, 12
- Taxable,
 - income, 358
 - returns, 359, 362
- Taxation, education, 202
- Teachers, 162, 186, 188, 205
 - in-service programs completed, 207
 - of universities and colleges, 195
 - of elementary and secondary, 159, 189
 - see also Occupations
- Telegraph, 292
- Telephone, 282, 288, 290, 291, 292
- Television stations, 289, 292
- Temperature, 12
- Theatres,
 - drive-in, 254
 - motion picture, 253
- Trade,
 - employment index, 321
 - exports, 413, 414, 416, 418
 - imports, 418

- investment in, 557, 561
- merchandise, 413, 417, 419
- retail, 414, 415, 420, 421
- Transportation, 592
 - by air, 581, 585, 587
 - by water, 580, 589, 590, 591
 - employment index, 321
 - energy consumption, 495
- Travel,
 - between Canada and overseas countries, 248, 257, 259, 262
 - between Canada and United States, 248, 258, 259, 260, 261
- Tuberculosis, 120, 139, 140, 141
- Unattached individuals,
 - income, 349, 350, 352
- Unemployment,
 - by family status, 326
 - by occupation, 328
 - duration, 328
 - rates, 305, 327
- Union membership, 333
- Universities, 162
 - degrees awarded, 187
 - enrolment, 160, 178, 180, 182, 183
 - teachers, 195
 - salaries, 197
- Utilities, 265, 274, 275, 504, 510, 516, 557, 563
- Vacation with pay, 356, 357
- Value added,
 - in goods producing industries, 541, 542
 - in manufacturing activity, 469, 471, 524, 526, 527, 531, 535
 - in selected industries, 535
 - in total activity, 469, 471
 - per cent distribution, 541, 542
- Vegetables, production of, 438, 439
- Wages and Salaries, 255, 306, 342, 353, 354, 355
 - average academic, 198
 - change, percentage, 306
 - minimum hourly, 342, 353
 - in manufacturing, 342, 354, 355, 524, 526, 527, 531, 535
 - see also Earnings and Income
- Waste,
 - disposal sites, 16, 22, 28
 - loadings, 17
- Water supply, 275
- Water transportation,
 - St. Lawrence Seaway, 580, 589, 590, 591
- Watersheds,
 - population, dwellings, farms by, 11





ENDING SECT. JUN 29 1982



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